



# Wisconsin Department of Transportation

April 26, 2016

**Division of Transportation Systems Development**

Bureau of Project Development  
 4802 Sheboygan Avenue, Rm 601  
 P O Box 7916  
 Madison, WI 53707-7916

**NOTICE TO ALL CONTRACTORS:**

Telephone: (608) 266-1631  
 Facsimile (FAX): (608) 266-8459

**Proposal #58: 1517-07-74**  
**USH 10 – USH 10/STH 441**  
**County CB – Oneida Street**  
**I-41 (STH 441 - CTH II)**  
**USH 10**  
**Winnebago County**

**Letting of May 10, 2016**

This is Addendum No. 03, which provides for the following:

**Special Provisions**

Added Special Provisions	
Article No.	Description
11.11	Modified High Performance Concrete (HPC) Pavement 10-Inch, Item SPV.0180.003; 11-Inch, Item SPV.0180.004.

**Schedule of Items**

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0165.850	Wall Concrete Panel Mechanically Stabilized Earth LRFD/QMP **P**	SF	18,830	1,195	20,025

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0180.003	Modified High Performance Concrete (HPC) Pavement 10-Inch	SY	0	13,336	13,336
SPV.0180.004	Modified High Performance Concrete (HPC) Pavement 11-Inch	SY	0	28,924	28,924

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
415.0100	Concrete Pavement 10-Inch	SY	13,336	-13,336	0
415.0110	Concrete Pavement 11-Inch	SY	28,924	-28,924	0

**Plan Sheets**

<b>Revised Plan Sheets</b>	
<b>Plan Sheet</b>	<b>Plan Sheet Title (brief description of changes to sheet)</b>
14	Typical Sections (change concrete pavement to HPC)
15	Typical Sections (change concrete pavement to HPC)
16	Typical Sections (change concrete pavement to HPC)
17	Typical Sections (change concrete pavement to HPC)
18	Typical Sections (change concrete pavement to HPC)
19	Typical Sections (change concrete pavement to HPC)
20	Typical Sections (change concrete pavement to HPC)
21	Typical Sections (change concrete pavement to HPC)
23	Typical Sections (change concrete pavement to HPC)
24	Typical Sections (change concrete pavement to HPC)
25	Typical Sections (change concrete pavement to HPC)
26	Typical Sections (change concrete pavement to HPC)
41	Construction Details (change concrete pavement to HPC)
46	Plan Details (change concrete pavement to HPC)
47	Plan Details (change concrete pavement to HPC)
48	Plan Details (change concrete pavement to HPC)
49	Plan Details (change concrete pavement to HPC)
50	Plan Details (change concrete pavement to HPC)
51	Plan Details (change concrete pavement to HPC)
52	Plan Details (change concrete pavement to HPC)
53	Plan Details (change concrete pavement to HPC)
54	Plan Details (change concrete pavement to HPC)
55	Plan Details (change concrete pavement to HPC)
56	Plan Details (change concrete pavement to HPC)
57	Plan Details (change concrete pavement to HPC)
58	Plan Details (change concrete pavement to HPC)
59	Plan Details (change concrete pavement to HPC)
60	Plan Details (change concrete pavement to HPC)
61	Plan Details (change concrete pavement to HPC)
62	Plan Details (change concrete pavement to HPC)
63	Plan Details (change concrete pavement to HPC)
64	Plan Details (change concrete pavement to HPC)
65	Plan Details (change concrete pavement to HPC)
66	Plan Details (change concrete pavement to HPC)
67	Plan Details (change concrete pavement to HPC)
68	Plan Details (change concrete pavement to HPC)
69	Plan Details (change concrete pavement to HPC)
273	Miscellaneous Quantities (Updated pavement quantities)
558	Structure R-70-107 (updated quantity for Wall Concrete Panel mechanically Stabilized Earth LRFD/QMP)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
 Proposal Management Section

**ADDENDUM NO. 03**

**1517-07-74**

**April 26, 2016**

**Special Provisions**

**11.11 Modified High Performance Concrete (HPC) Pavement 10-Inch, Item SPV.0180.003; 11-Inch, Item SPV.0180.004.**

This special provision describes specialized material and construction requirements to be utilized on all concrete pavement and shoulders. Conform to standard spec 415 and 501, as modified in this special provision. Conform to section 715 for QMP, as modified in this special provision.

*Modify Standard Spec 415 As Follows:*

**415.5.1 General**

*Replace 415.5.1(1) with the following:*

The department will pay for measured quantities at the contract unit price and incidentals necessary to complete the work under the following bid item:

ITEM NUMBER	SCRIPTON	UNIT
SPV.0180.003	Modified High Performance Concrete (HPC) Pavement 10-Inch	SY
SPV.0180.004	Modified High Performance Concrete (HPC) Pavement 11-Inch	SY

*Modify Standard Spec Section 501 As Follows:*

**501.2.5.4.1 General**

*Replace the entire text with the following:*

- (1) Use clean, hard, durable crushed limestone with 100% fractured surfaces and free of an excess of thin or elongated pieces, frozen lumps, vegetation, deleterious substances or adherent coatings considered injurious.
- (2) Use virgin aggregates only.

**501.2.5.4.2 Deleterious Substances**

*Replace 501.2.5.4.2(1) with the following:*

- (1) The amount of deleterious substances must not exceed the following percentages:

DELETERIOUS SUBSTANCE	PERCENT BY WEIGHT
Shale.....	1.0
Coal .....	1.0
Clay lumps .....	0.3
Soft fragments .....	5.0
Any combination of above .....	5.0
Flat or elongated pieces based on a 3:1 ratio .....	15.0
Materials passing the No. 200 sieve .....	1.5
Chert.....	3.0

**501.2.5.4.3 Physical Properties**

*Replace 501.2.5.4.3(1) with the following:*

- (1) The percent wear shall not exceed 30, the weighted soundness loss shall not exceed 6 percent, and the weighted freeze-thaw average loss shall not exceed 15 percent.

#### **501.3.5.1 General**

*Replace 501.3.5.1(1) with the following:*

- (1) Use central-mixed concrete as defined in 501.3.5.1(2) for all work under this special provision.

#### **501.3.8.2.1 General**

*Replace the entire text with the following:*

- (1) The contractor is responsible for the quality of the concrete placed in hot weather. For concrete placed under this special provision, submit a written temperature control plan at the pre-pour meeting. In that plan, outline the actions the contractor will take to control concrete temperature if the concrete temperature at the point of placement exceeds 80 F. Do not place concrete under the items in this special provision without the engineer's written acceptance of that temperature control plan. Perform work as outlined in the temperature control plan.

If the concrete temperature at the point of placement exceeds 90 F, do not place concrete under this special provision.

Notify the engineer whenever conditions exist that might cause the concrete temperature at the point of placement to exceed 80 F. If project information is not available, the contractor should obtain information from similar mixes placed for other nearby work.

#### **501.5 Payment**

*Replace 501.5(3) with the following:*

- (3) Ice, additives, or other actions the contractor takes to control the temperature of concrete are incidental to this item.

*Add the following as 501.5(4):*

- (4) Water used to wet the base material is incidental to this item.

*Modify Standard Spec Section 715 As Follows:*

#### **715.3.2.2.1 Pavement**

*Replace the entire section with:*

- (1) If a subplot strength is less than 3000 psi, the department may direct the contractor to core that subplot to determine its structural adequacy and whether to direct removal. Cut and test cores according to AASHTO T 24 and as where the engineer directs. Have an HTCP certified PCC technician I perform or observe the coring.
- (2) The subplot pavement is conforming if the compressive strengths of all cores from the subplot are 3000 psi or greater or the engineer does not require coring.
- (3) The subplot pavement is nonconforming if the compressive strengths of any core from the subplot is less than 3000 psi. The department may direct removal and replacement or otherwise determine the final disposition of nonconforming material as specified in 106.5.

#### **715.5.1 General**

*Replace 715.5.1(4) with the following:*

- (4) The department will adjust pay for each lot using PWL of the 28-day subplot average strengths for that lot. The department will measure PWL relative to the lower specification limit of 4500 psi for pavements. The department will not pay a strength incentive for concrete that is nonconforming in another specified property.

#### **715.5.2 Pavements**

*Replace 715.5.2(3) with the following:*

- (3) For lots with a full battery of QC tests at less than 4 locations, there is no incentive but

the department will assess a disincentive based on the individual subplot average strengths. The department will reduce pay for sublots with an average strength below 4500 psi by \$1.50 per square yard.  
(NER441-20141217)

**Schedule of Items**

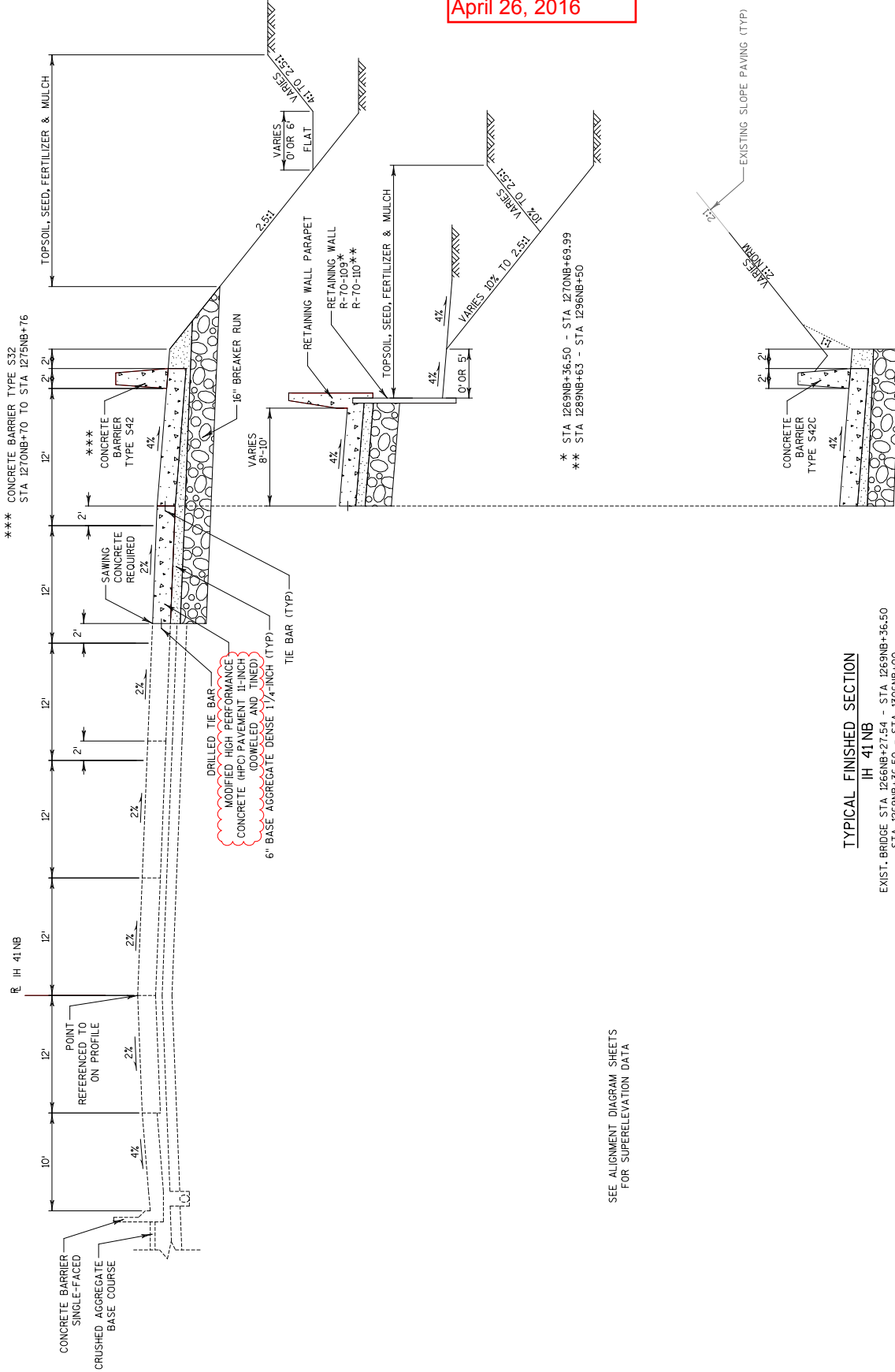
Attached, dated April 26, 2016, are the revised Schedule of Items Pages 1 – 32.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: 14 - 21, 23 - 26, 41, 46 - 69, 273, and 558.

END OF ADDENDUM

Addendum No. 03  
ID 1517-07-74  
Revised Sheet 14  
April 26, 2016



\*\*\* CONCRETE BARRIER TYPE S32  
STA 1270NB+70 TO STA 1275NB+76

R IH 41NB

CONCRETE BARRIER  
SINGLE-FACED  
CRUSHED AGGREGATE  
BASE COURSE

POINT  
REFERENCED TO  
ON PROFILE

DRILLED TIE BAR  
MODIFIED HIGH PERFORMANCE  
CONCRETE (HPCI) PAVEMENT (2-INCH  
DOVELEDED AND TINED)  
6" BASE AGGREGATE DENSE 1 1/4-INCH (TYP)

TIE BAR (TYP)

SAWING  
CONCRETE  
REQUIRED

CONCRETE BARRIER  
TYPE S42

16" BREAKER RUN

TOPSOIL, SEED, FERTILIZER & MULCH

RETAINING WALL PARAPET  
R-70-109  
R-70-110\*\*

CONCRETE BARRIER  
TYPE S42C

EXISTING SLOPE PAVING (TYP)

\* STA 1269NB+36.50 - STA 1270NB+69.99  
\*\* STA 1289NB+63 - STA 1296NB+50

SEE ALIGNMENT DIAGRAM SHEETS  
FOR SUPERELEVATION DATA

TYPICAL FINISHED SECTION  
IH 41NB

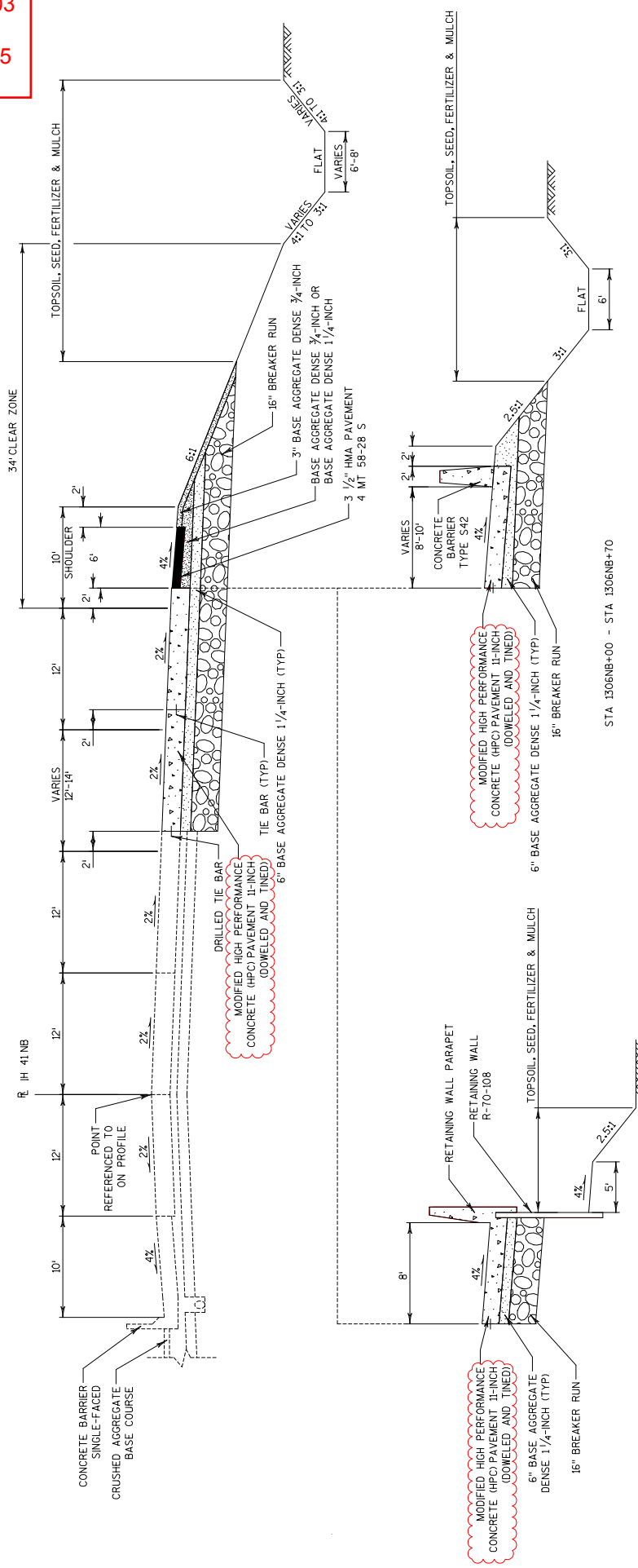
EXIST: BRIDGE STA 1266NB+27.54 - STA 1268NB+36.50  
STA 1269NB+36.50 - STA 1306NB+00

STA 1304NB+35 - STA 1305NB+95

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 15  
 April 26, 2016

2

2



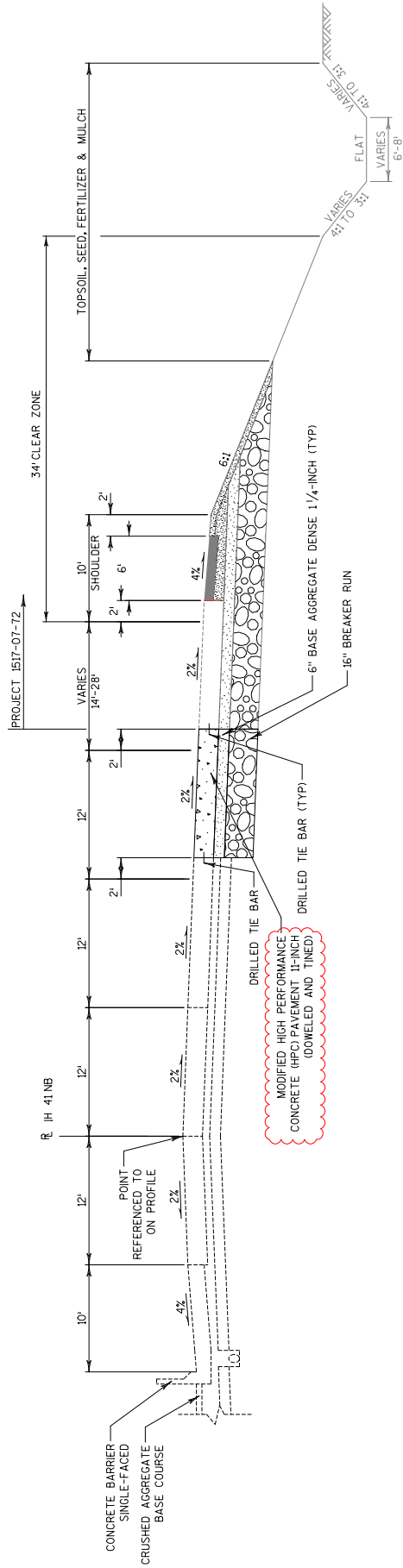
TOTAL LAYER PAVEMENT TYPE THICKNESS	LAYERS	NORMAL MAXIMUM SIZE GRADATION	ASPHALTIC MATERIAL
4 WT 58-28 S	3/2"	1 3/4" UPPER LAYER	PG 58-28
		1 3/4" LOWER LAYER	PG 58-28

SEE ALIGNMENT DIAGRAM SHEETS FOR SUPERELEVATION DATA

**TYPICAL FINISHED SECTION**  
 IH 41 NB  
 STA 1265NB+56.25 - STA 1266NB+27.54  
 STA 1306NB+00 - STA 1307NB+89.42

STA 1265NB+56.25 - STA 1266NB+27.54

STA 1306NB+00 - STA 1306NB+70



Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 16  
 April 26, 2016

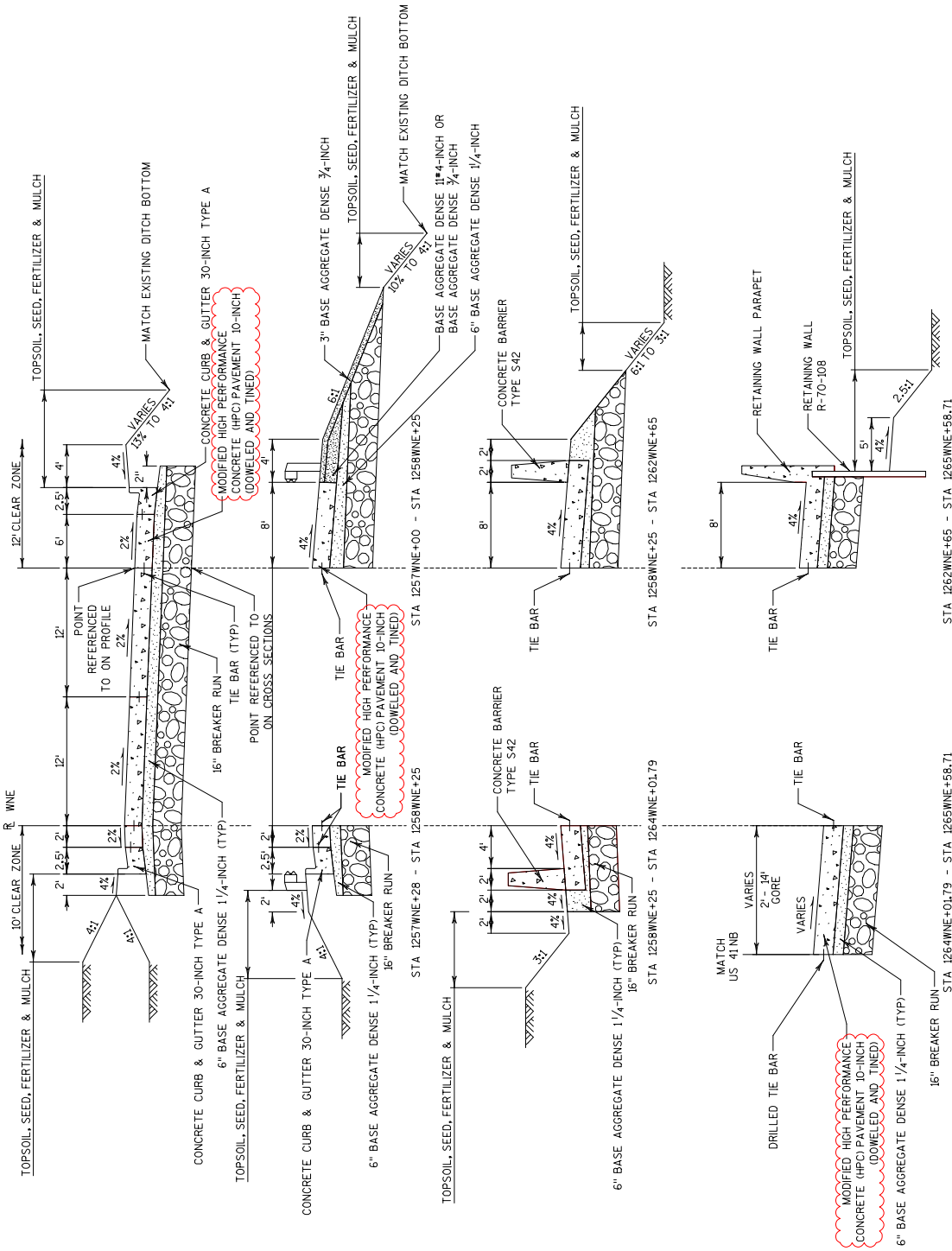
SEE ALIGNMENT DIAGRAM SHEETS  
 FOR SUPERELEVATION DATA

TYPICAL FINISHED SECTION  
 IH 41 NB  
 STA 1307NB+89.42 - STA 1310NB+84.86

PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	TYPICAL SECTION	SHEET 16	E
FILE NAME : P:\Transportation\US 10 WIS 441\CADD\Sheets\15170774\020403-ts.dgn					
PLOT DATE : 4/26/2016					
PLOT BY : Jess.Loc.meddaugh					
PLOT NAME :					
PLOT SCALE : 10.0000 sf / 1"					
WISDOT/CADD SHEET 42					



Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 17  
 April 26, 2016



TYPICAL FINISHED SECTION  
 WNE RAMP

STA 1255WNE+95.60 - STA 1265WNE+58.71

TYPICAL SECTION

STA 1262WNE+65 - STA 1265WNE+58.71

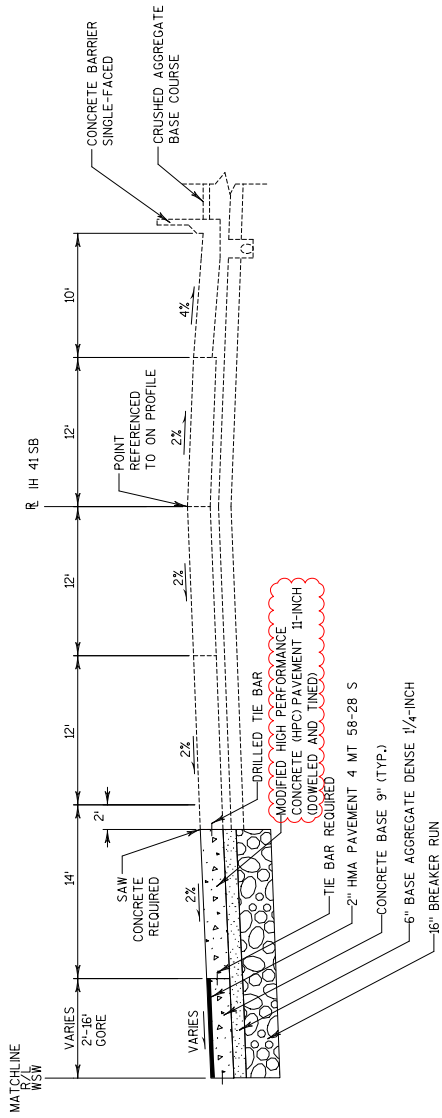
COUNTY: WINNEBAGO

HWY: IH 41

PROJECT NO: 1517-07-74

SHEET 17

E



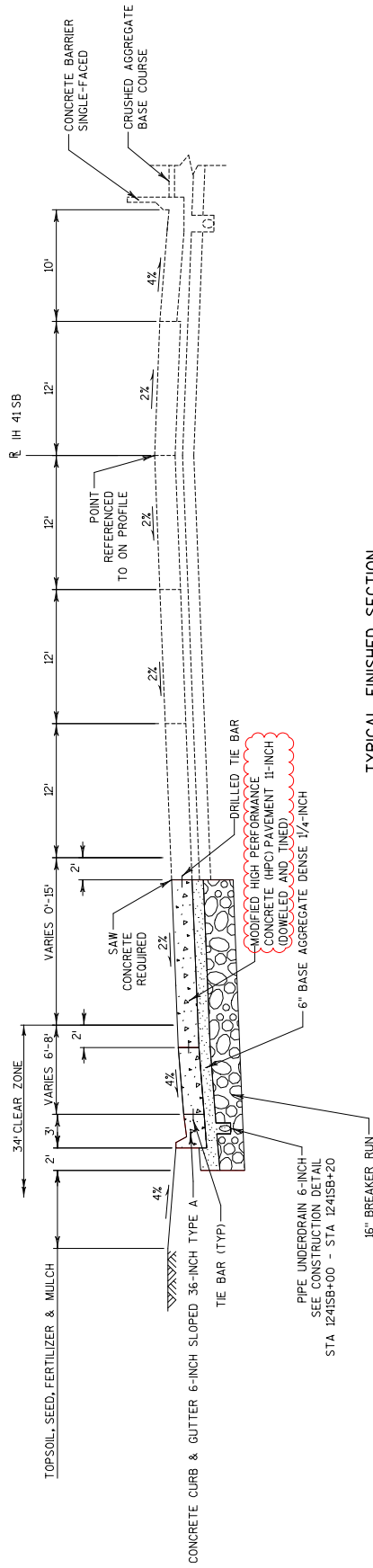
SEE ALIGNMENT DIAGRAM SHEETS  
FOR SUPERELEVATION DATA

**TYPICAL FINISHED SECTION**

IH 41 SB

STA 12435B+14.81 - STA 12475B+13.24

Addendum No. 03  
ID 1517-07-74  
Revised Sheet 18  
April 26, 2016

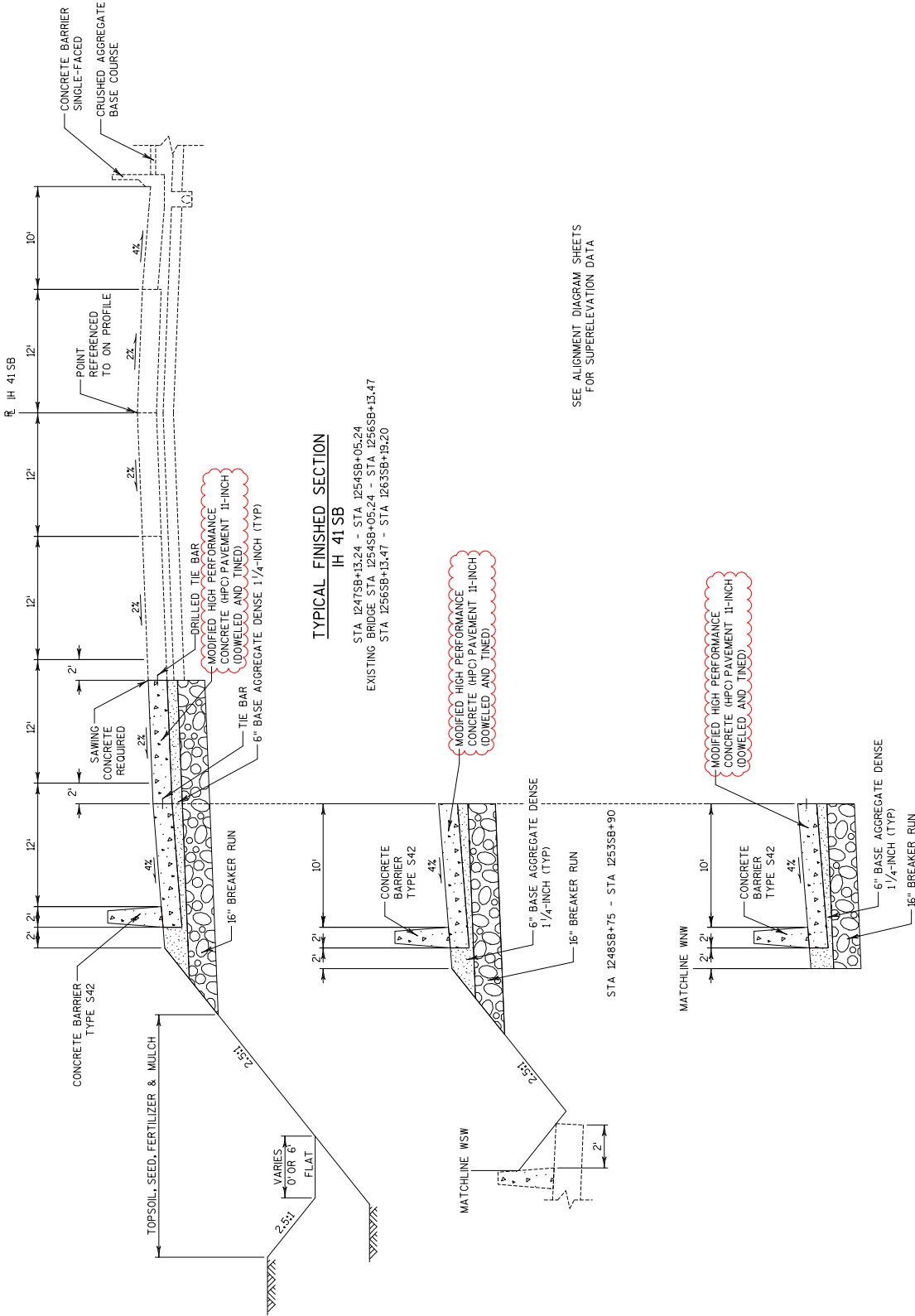


**TYPICAL FINISHED SECTION**

IH 41 SB

STA 12335B+64.52 - STA 12435B+14.81

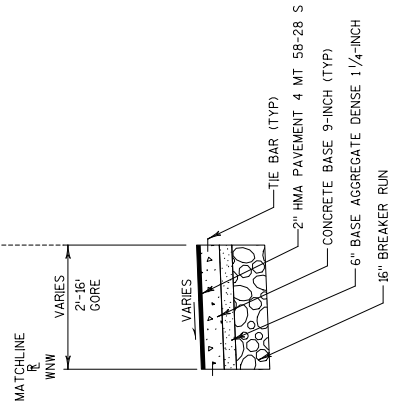
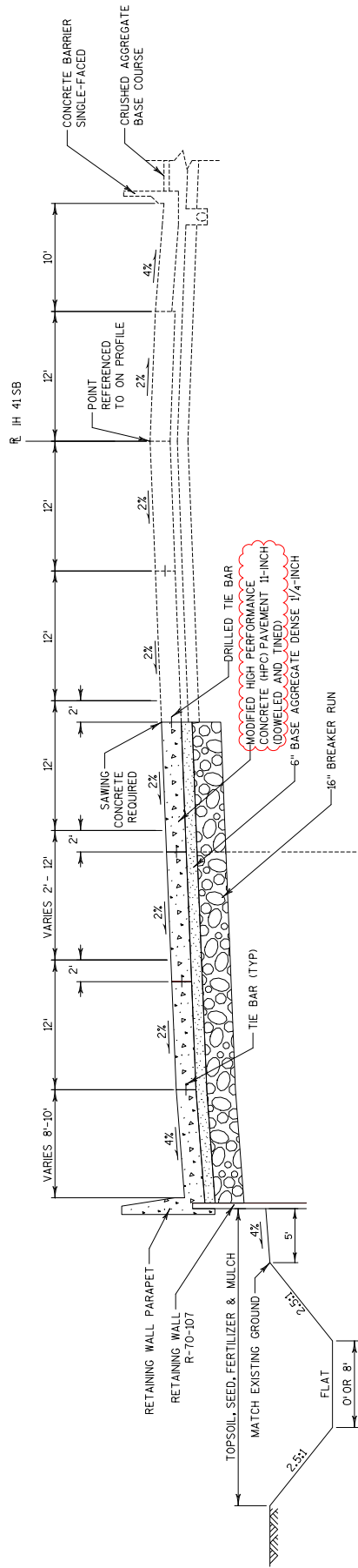
Addendum No. 03  
ID 1517-07-74  
Revised Sheet 19  
April 26, 2016



SEE ALIGNMENT DIAGRAM SHEETS  
FOR SUPERELEVATION DATA

**TYPICAL FINISHED SECTION  
IH 41 SB**

STA 1247SB+13.24 - STA 1254SB+05.24  
EXISTING BRIDGE STA 1254SB+05.24 - STA 1256SB+13.47  
STA 1256SB+13.47 - STA 1263SB+19.20



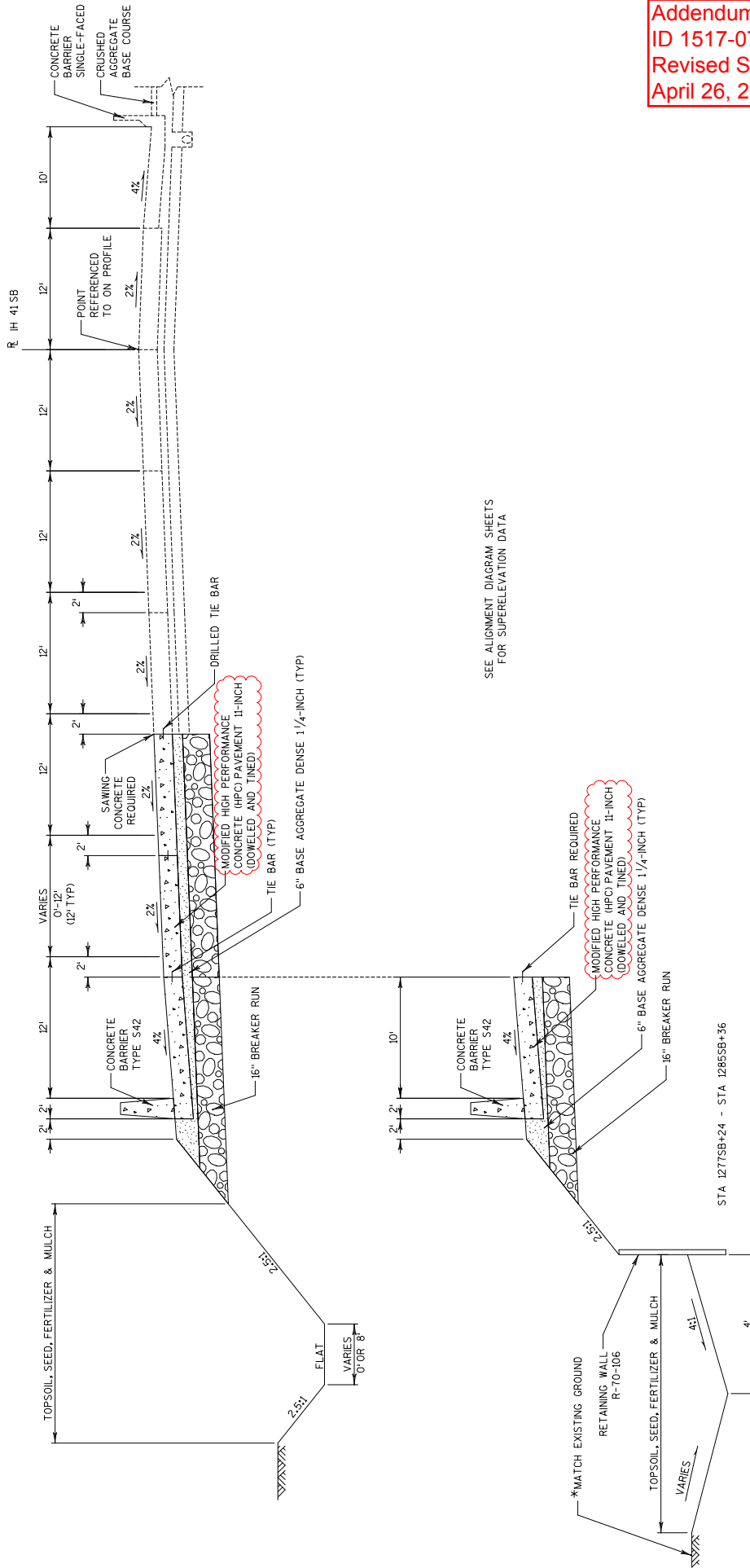
STA 12635B+19.20 - STA 12645B+88.74

Addendum No. 03  
ID 1517-07-74  
Revised Sheet 20  
April 26, 2016

PAVEMENT TYPE THICKNESS	TOTAL LAYER PAVEMENT THICKNESS	2" UPPER LAYER LAYERS	NORMAL MAXIMUM SIZE GRADATION MATERIAL
4 MT 58-28 S	2"	2" UPPER LAYER	12.5 MM PG-58-28

TYPICAL FINISHED SECTION  
IH 41 SB  
STA 12635B+19.20 - STA 12685B+03.25

SEE ALIGNMENT DIAGRAM SHEETS FOR SUPERELEVATION DATA



Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 21  
 April 26, 2016

PAVEMENT TYPE	TOTAL LAYER THICKNESS	LAYERS	NORMAL MAXIMUM SIZE GRADATION	ASPHALTIC MATERIAL
E-0.3	3 1/2"	1 1/4" UPPER LAYER 1 1/4" LOWER LAYER	12.5 MM 12.5 MM	PG-58-28

TYPICAL FINISHED SECTION

IH 41 SB

EXIST. BRIDGE STA 1267SB+78.83 - STA 1268SB+03.25  
 STA 1268SB+03.25 - STA 1300SB+13.25

TYPICAL SECTION

COUNTY: WINNEBAGO

HWY: IH 41

PROJECT NO: 1517-07-74

SHEET 21

PLOT SCALE: 10:0000 SF / 1"

PLOT NAME:

PLOT BY: Jessi.Loc.meddaugh

PLOT DATE: 4/26/2016

PLOT NAME:

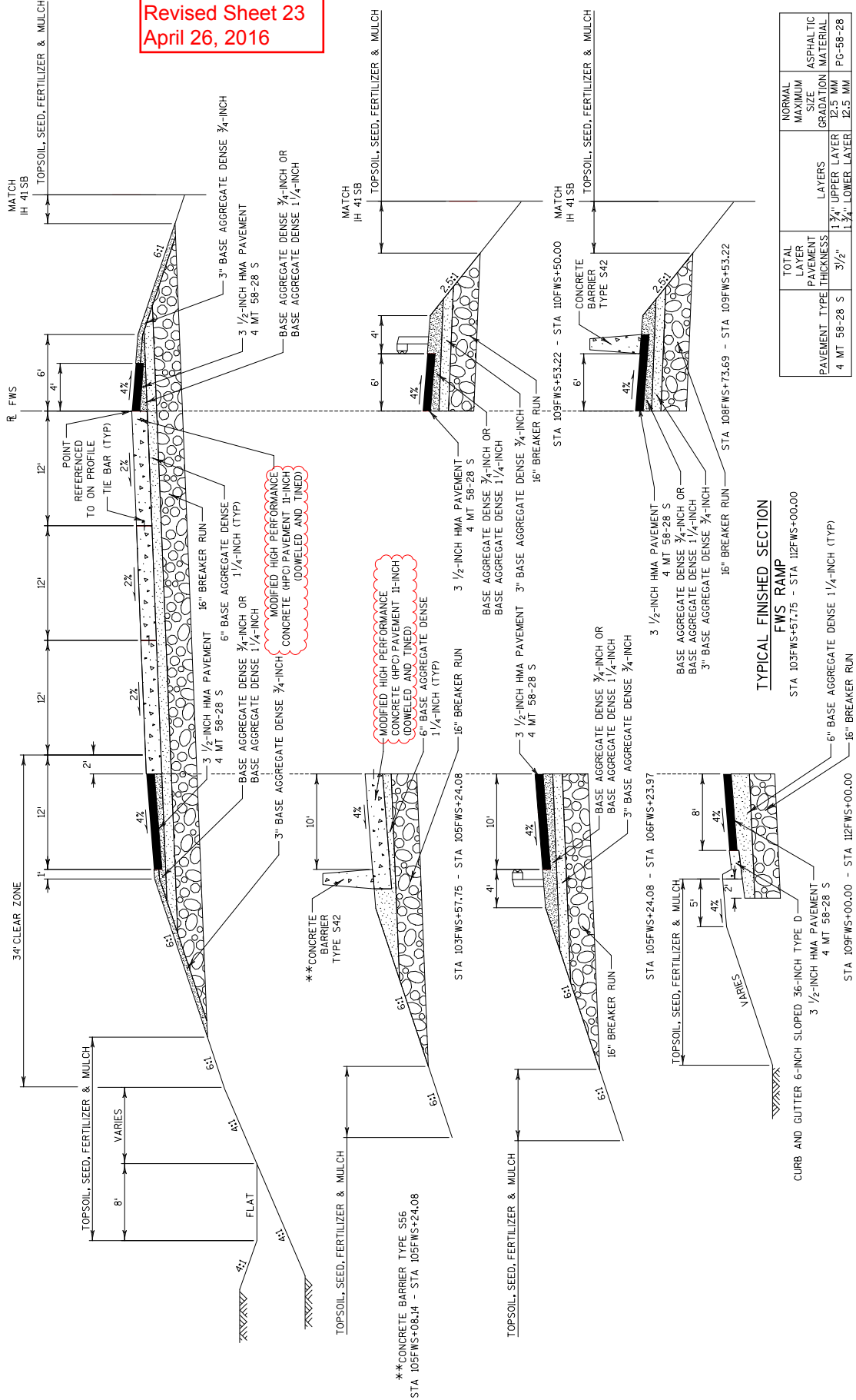
PLOT BY: Jessi.Loc.meddaugh

PLOT DATE: 4/26/2016

PLOT NAME:

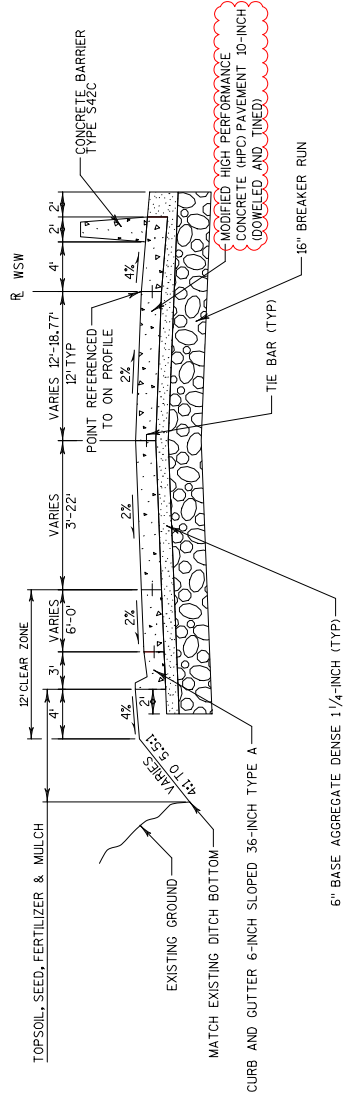
PLOT BY: Jessi.Loc.meddaugh

Addendum No. 03  
ID 1517-07-74  
Revised Sheet 23  
April 26, 2016



TOTAL LAYER PAVEMENT TYPE THICKNESS	LAYERS	NORMAL MAXIMUM SIZE	ASPHALTIC GRADATION MATERIAL
4 MT 58-28 S	3/2" UPPER LAYER 1 1/2" LOWER LAYER	12.5 MM 12.5 MM	PG-58-28
3/2"			

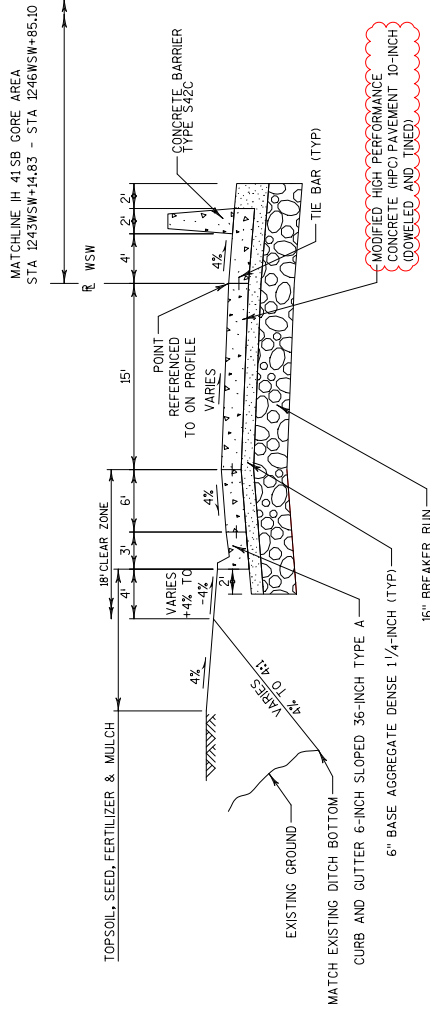
Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 24  
 April 26, 2016



TYPICAL FINISHED SECTION

WSW RAMP

STA 1250WSW+98.20 - STA 1254WSW+32.93



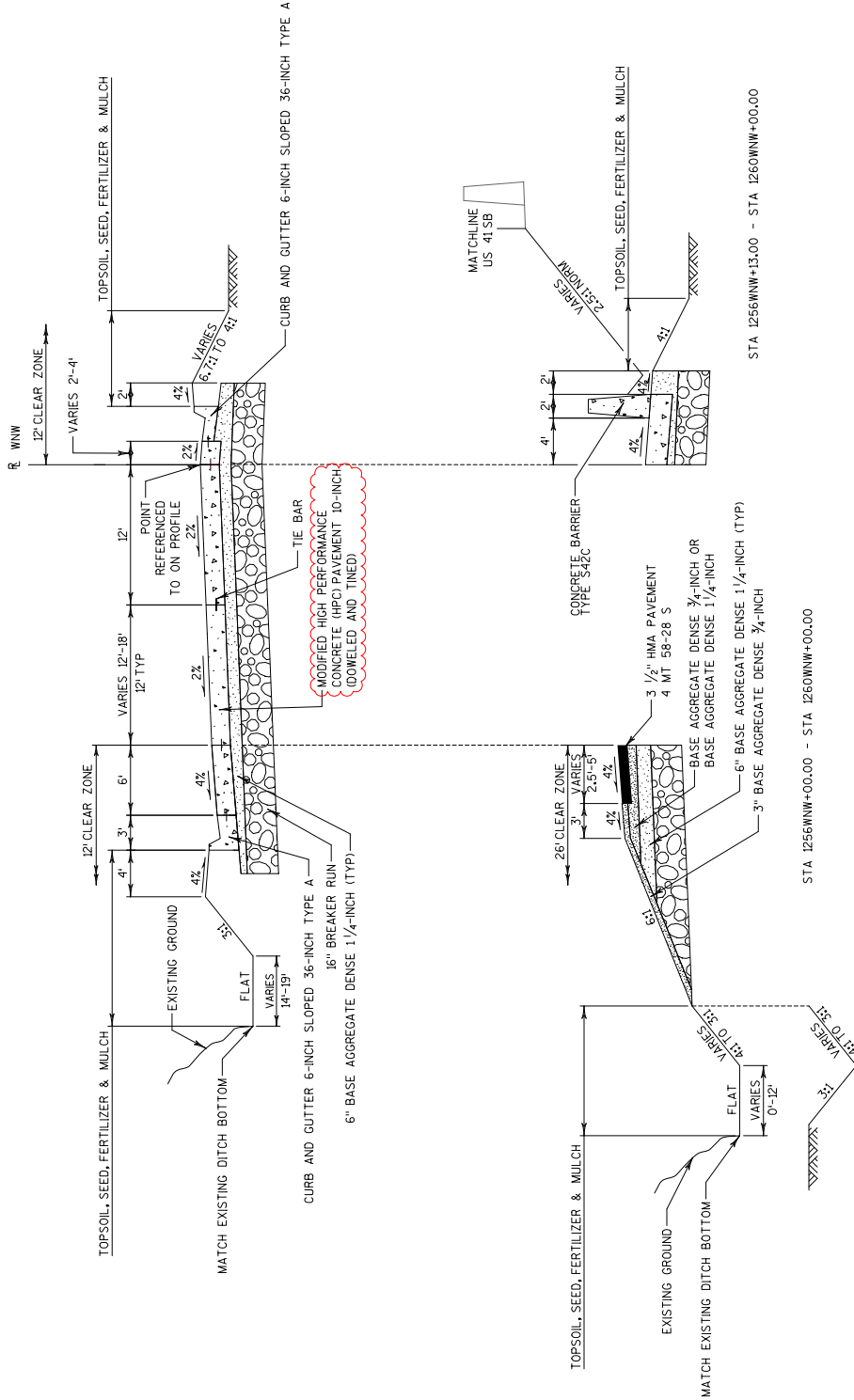
TYPICAL FINISHED SECTION

WSW RAMP

STA 1243WSW+14.83 - STA 1250WSW+92.20

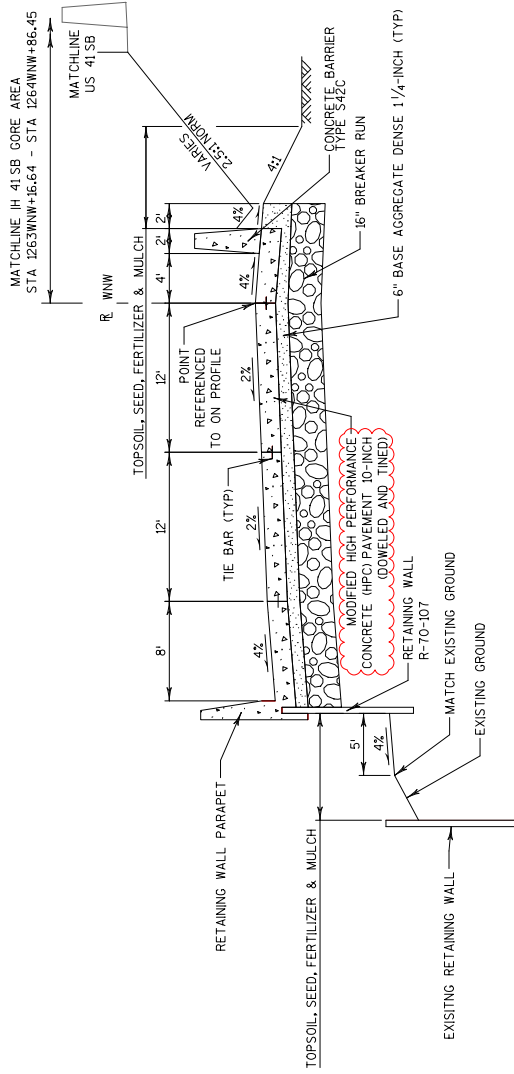
PROJECT NO: 1517-07-74	COUNTY: WINNEBAGO	TYPICAL SECTION	SHEET 24	E
FILE NAME : P:\Transportation\US 10 WIS 441\CADD\sheet\15170774\020411-rs.dgn	HWY: IH 41	PLOT DATE : 4/26/2016	PLOT BY : Jessi.Loc.meddaugh	PLOT NAME :
				PLOT SCALE : 10,0000 sf / 1"

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 25  
 April 26, 2016



PAVEMENT TYPE	TOTAL PAVEMENT THICKNESS	LAYERS	NORMAL MAXIMUM SIZE GRADATION	ASPHALTIC MATERIAL
4 MT 58-28 S	3 1/2"	1 3/4" UPPER LAYER 1 3/4" LOWER LAYER	12.5 MM 12.5 MM	PG-58-28





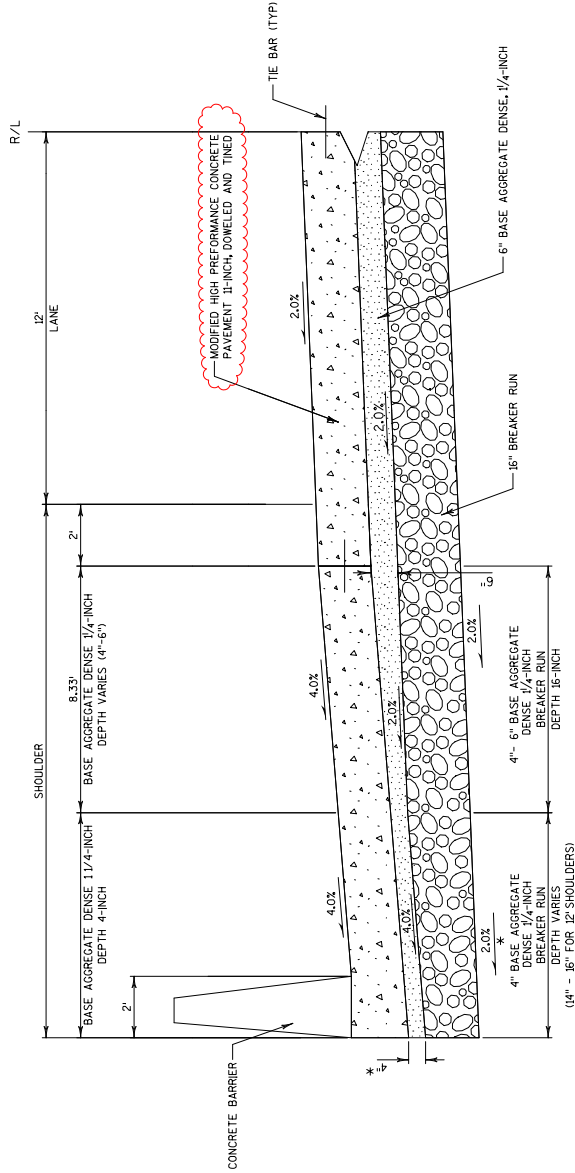
TYPICAL FINISHED SECTION

WNW RAMP

STA 1260WNW+00.00 - STA 1264WNW+86.45

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 26  
 April 26, 2016

PROJECT NO: 1517-07-74	COUNTY: WINNEBAGO	TYPICAL SECTION	SHEET 26	E
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PLOT DATE : 4/26/2016				
PLOT BY : Jessi.Loc.meddaugh				
PLOT NAME :				
PLOT SCALE : 10.0000 sf / 1"				
WISDOT/CADD SHEET 42				

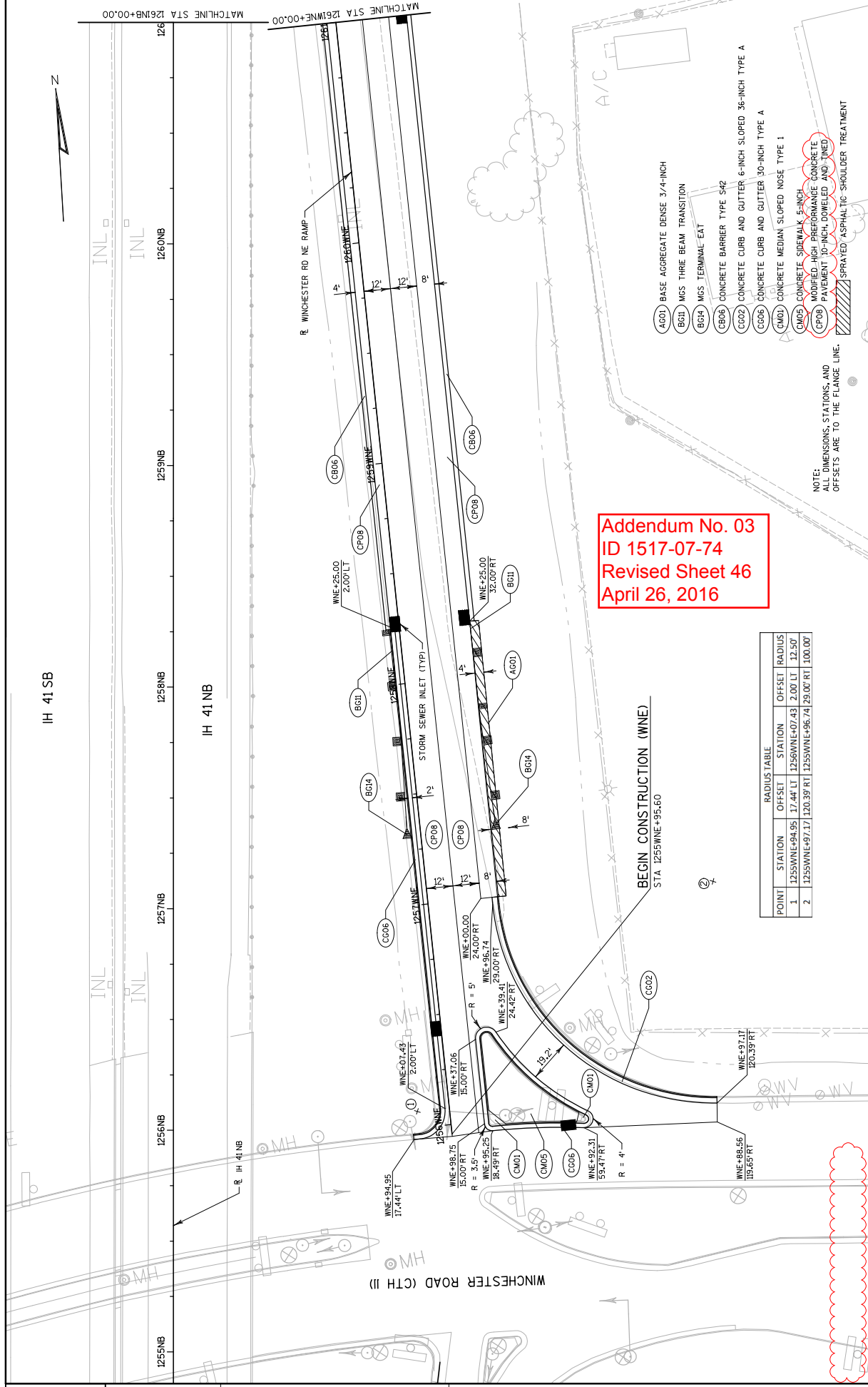


**MINIMUM BASE AGGREGATE DENSE DEPTH**

(NOT TO SCALE)  
 \* MAINTAIN A MINIMUM THICKNESS OF 4" BASE AGGREGATE DENSE 1/4-INCH

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 41  
 April 26, 2016

IH 41 SB



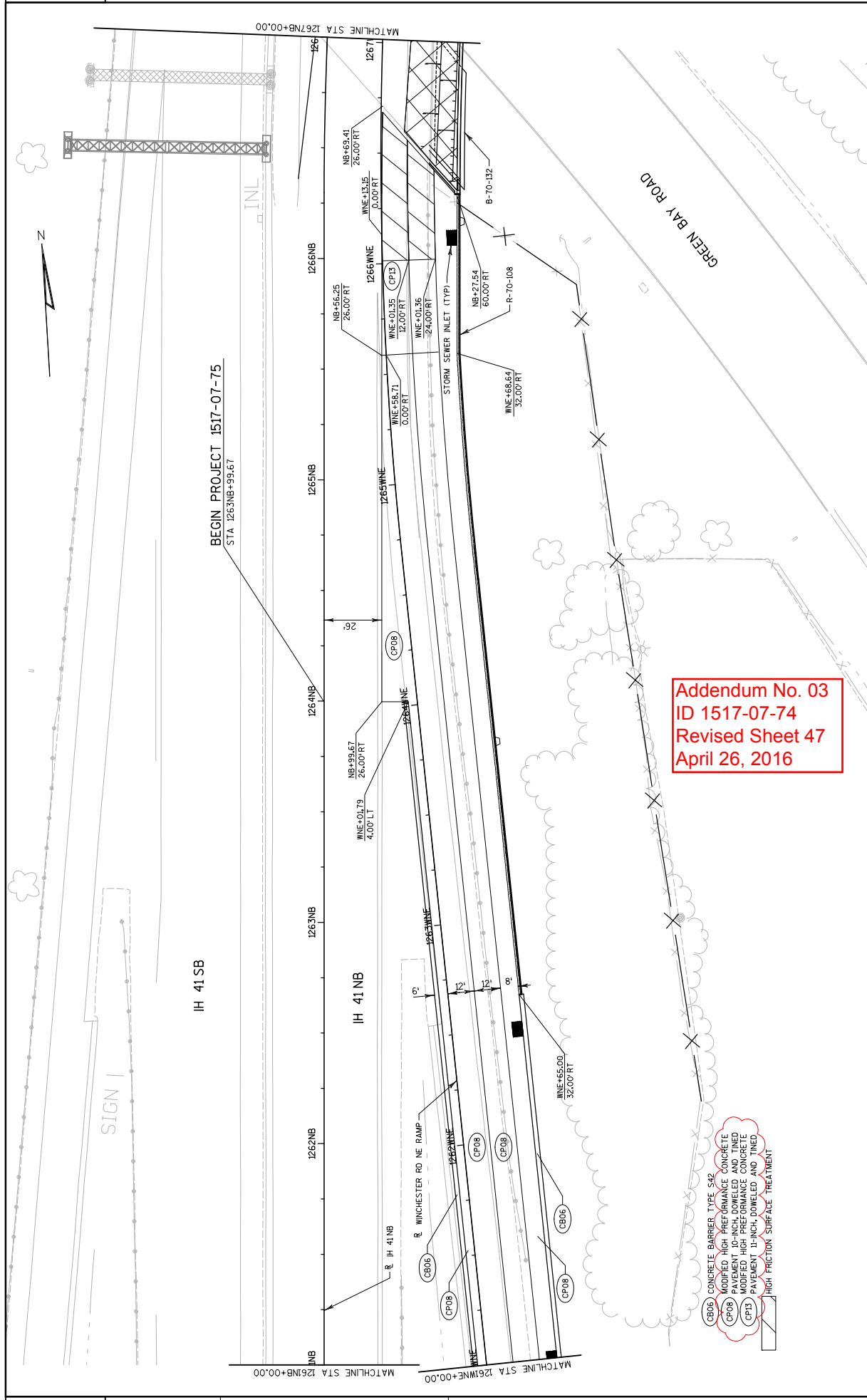
Addendum No. 03  
ID 1517-07-74  
Revised Sheet 46  
April 26, 2016

POINT	STATION	OFFSET	STATION	OFFSET	RADIUS
1	1255WNE+94.95	17.44'	1256WNE+07.43	2.00' LT	12.50'
2	1255WNE+97.17	120.39'	1255WNE+96.74	29.00' RT	100.00'

BEGIN CONSTRUCTION (WNE)  
STA 1255WNE+95.60

- (A001) BASE AGGREGATE DENSE 3/4-INCH
- (B01) MGS THREE BEAM TRANSITION
- (B04) MGS TERMINAL EAT
- (C006) CONCRETE BARRIER TYPE S42
- (C002) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- (C006) CONCRETE CURB AND GUTTER 30-INCH TYPE A
- (C005) CONCRETE MEDIAN SLOPED NOSE TYPE 1
- (C005) CONCRETE SIDEWALK 5-INCH
- (C008) MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 10-INCH DOWELED AND-TIEED
- (S001) SPRAYED ASPHALTIC SHOULDER TREATMENT

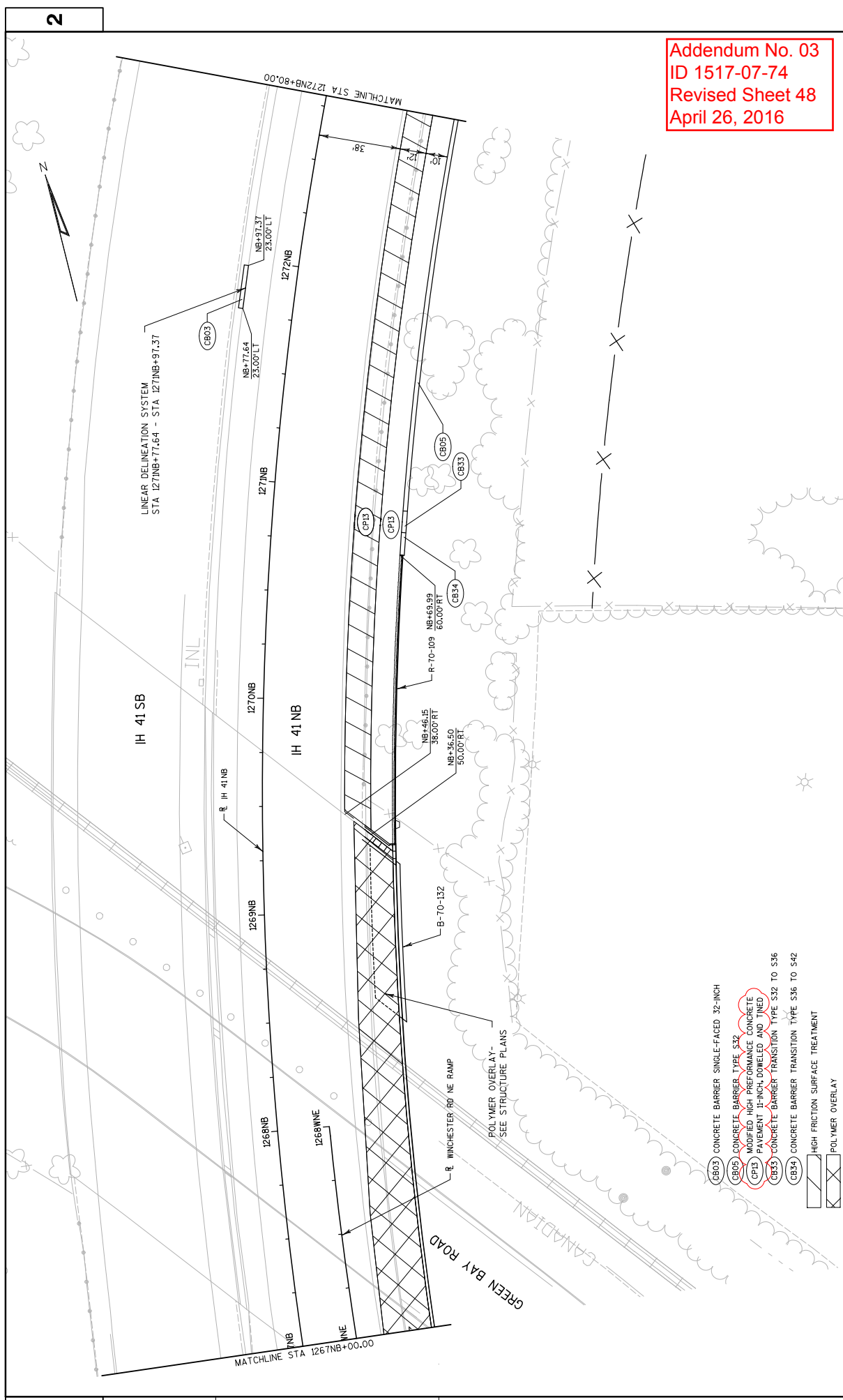
NOTE: DIMENSIONS, STATIONS AND OFFSETS ARE TO THE FLANGE LINE.



Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 47  
 April 26, 2016

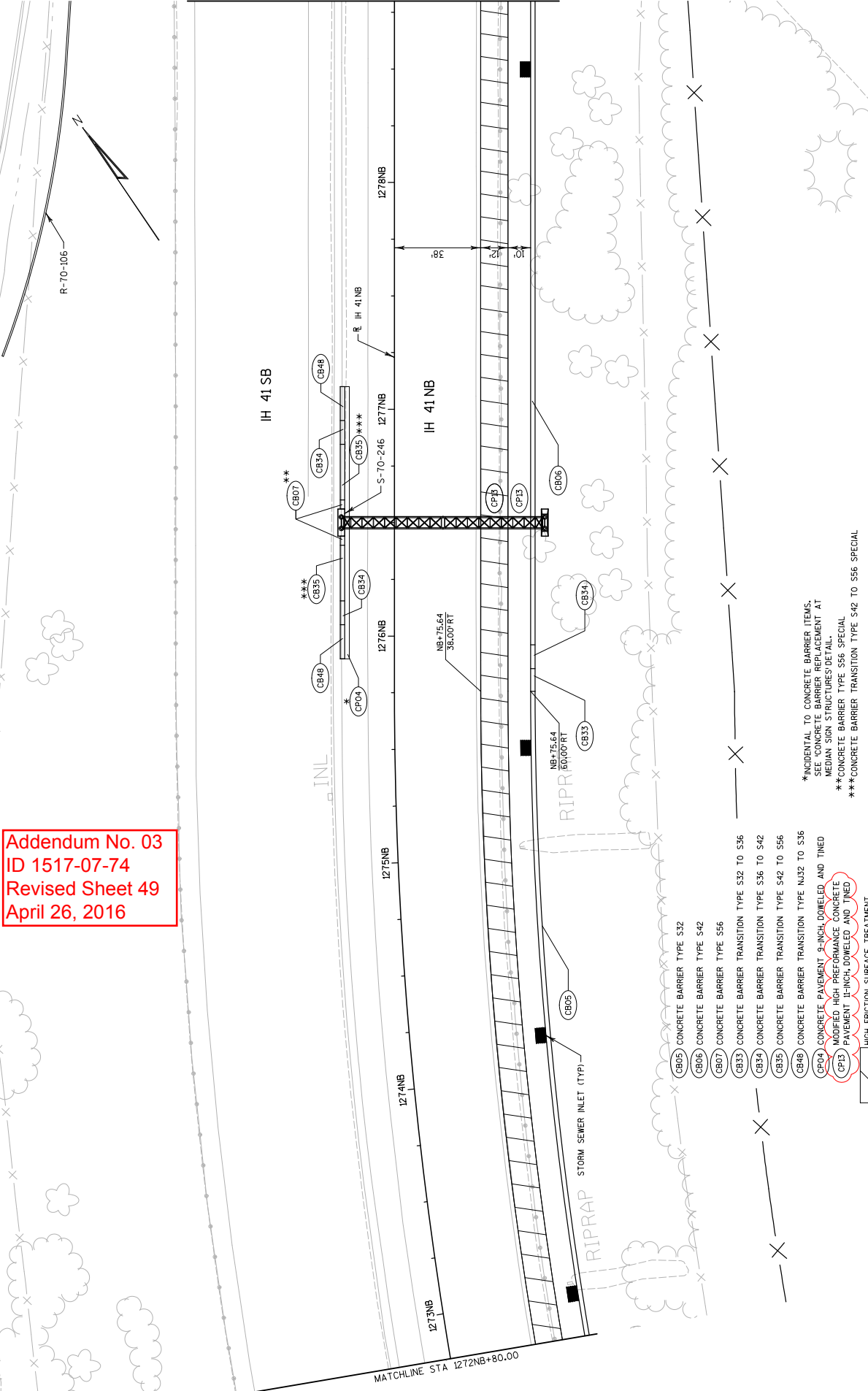
- (CB08) CONCRETE BARRIER TYPE S42
- (MPC08) MODIFIED HIGH PERFORMANCE CONCRETE
- (CP08) CONCRETE PIPE
- (CP18) MODIFIED HIGH PERFORMANCE CONCRETE
- (P18) PAVEMENT 11-INCH, DOWELED AND TINED
- (HS) HIGH FRICTION SURFACE TREATMENT

PROJECT NO: 1517-07-74	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 NORTHBOUND	SHEET 47	E
HWY: IH 41	PLOT NAME :			WISDOT/CADD SHEET 42
FILE NAME : \\S1102K306\Projects\Tranport\I01\I01US 10 MIS 441\CADD\Sheets\15170774\021202.pd.dgn	PLOT BY : rick-becker			PLOT SCALE : 40,0000 sf / in.
	PLOT DATE : 4/26/2016			



Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 48  
 April 26, 2016

- CB03 CONCRETE BARRIER SINGLE-FACED 32-INCH
- CB05 CONCRETE BARRIER TYPE S32
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH, DOWELED AND TINED
- CB32 CONCRETE BARRIER TRANSITION TYPE S32 TO S36
- CB34 CONCRETE BARRIER TRANSITION TYPE S36 TO S42
- HIGH FRICTION SURFACE TREATMENT
- POLYMER OVERLAY

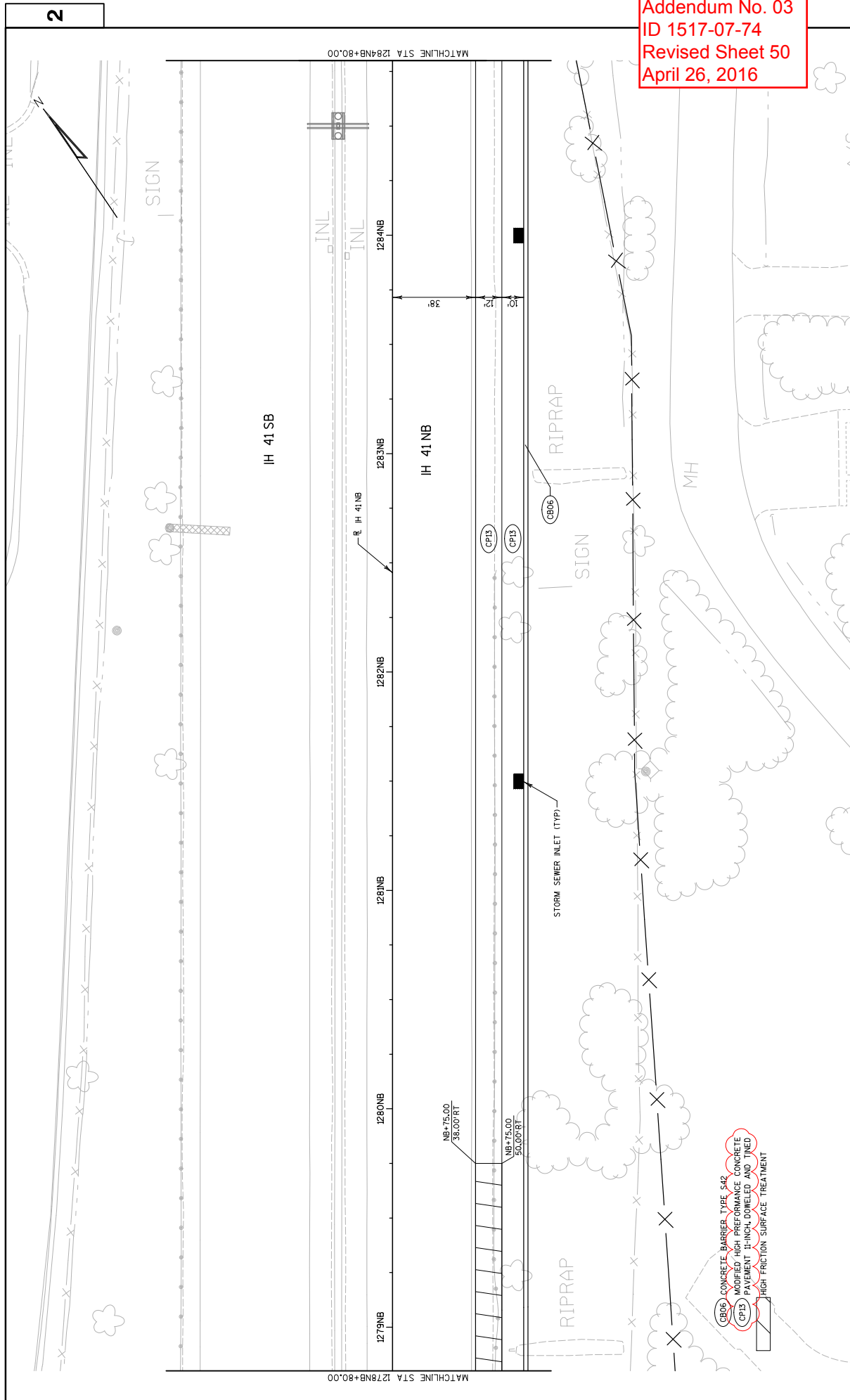


Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 49  
 April 26, 2016

\*INCIDENTAL TO CONCRETE BARRIER ITEMS.  
 SEE 'CONCRETE BARRIER REPLACEMENT AT  
 MEDIAN SIGN STRUCTURES' DETAIL.  
 \*\*CONCRETE BARRIER TYPE S56 SPECIAL  
 \*\*\*CONCRETE BARRIER TRANSITION TYPE S42 TO S56 SPECIAL

- CB05 CONCRETE BARRIER TYPE S32
- CB06 CONCRETE BARRIER TYPE S42
- CB07 CONCRETE BARRIER TYPE S56
- CB32 CONCRETE BARRIER TRANSITION TYPE S32 TO S36
- CB33 CONCRETE BARRIER TRANSITION TYPE S36 TO S42
- CB34 CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- CB35 CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- CB48 CONCRETE BARRIER TRANSITION TYPE N32 TO S36
- CP00 CONCRETE PAVEMENT 9-INCH DOWELED AND TINED
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH DOWELED AND TINED
- HS HIGH FRICTION SURFACE TREATMENT

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 50  
 April 26, 2016

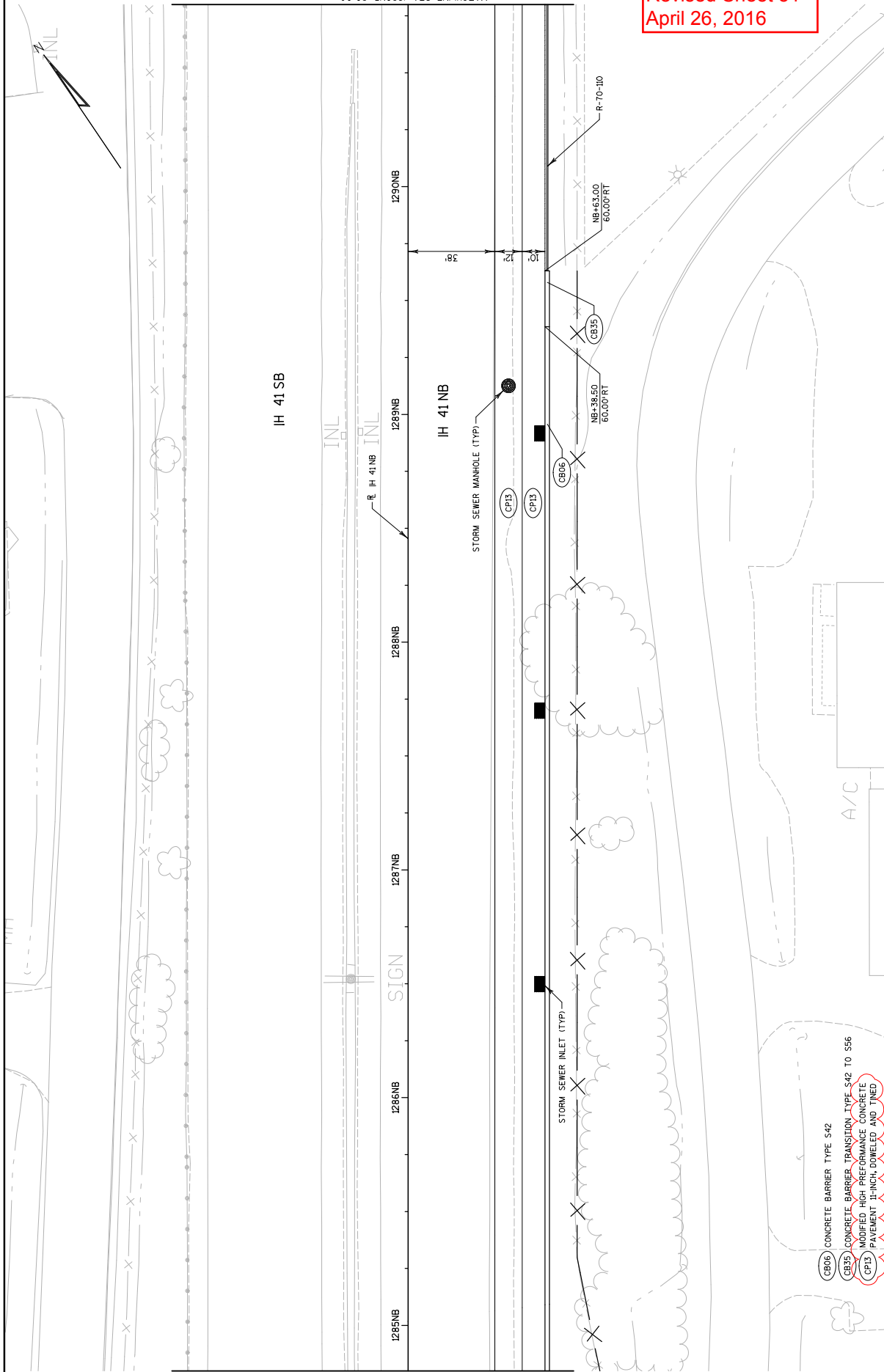


PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 NORTHBOUND	SHEET 50	E
FILE NAME : \\S1102K306\Projects\Tranport\tdh\onus 10 MIS 441\CADD\sheets\15170774\021205.pd.dgn					
PLOT DATE : 4/26/2016					
PLOT BY : nuck-becker					
PLOT SCALE : 40,0000 sf / in.					
WISDOT/CADD SHEET 42					

2

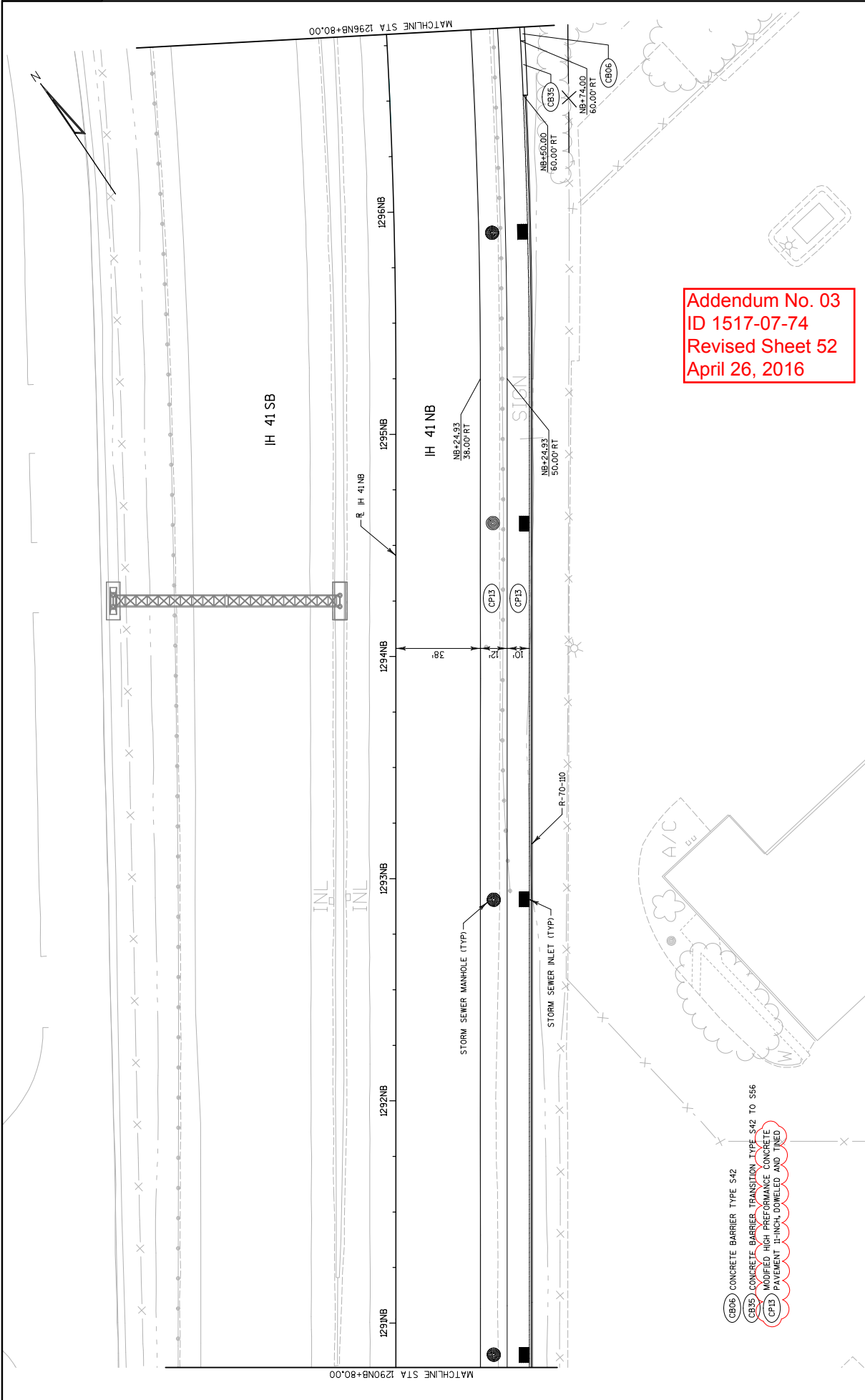
2

Addendum No. 03  
ID 1517-07-74  
Revised Sheet 51  
April 26, 2016



PROJECT NO: 1517-07-74	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 NORTHBOUND	SHEET 51	E
FILE NAME : \\S1102K306\Projects\Tranapor\td1\onus 10 MIS 441\CADD\sheets\15170774\021206.pd.dgn	HWY: IH 41	PLOT DATE : 4/26/2016	PLOT NAME : rick-becker	PLOT SCALE : 40,0000 sf / in.





MATCHLINE STA 1296NB+80.00

MATCHLINE STA 1290NB+80.00

IH 41 SB

IH 41 NB

NB+24.93  
38.00' RT

NB+24.93  
50.00' RT

NB+74.00  
60.00' RT

NB+60.00  
60.00' RT

1291NB

1292NB

1293NB

1294NB

1295NB

1296NB

STORM SEWER MANHOLE (TYP)

STORM SEWER INLET (TYP)

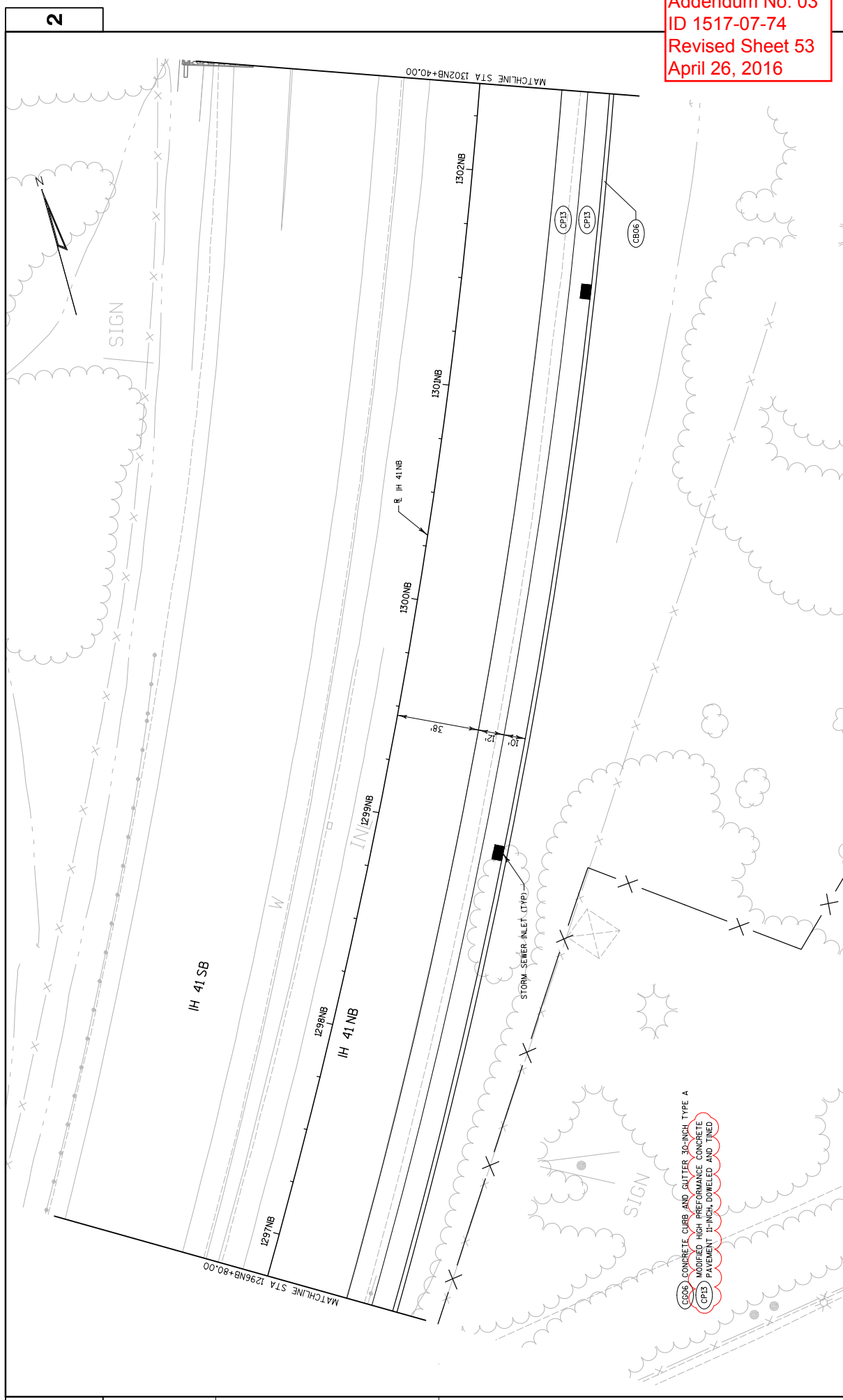
R-70-110

SIGN

- (CB66) CONCRETE BARRIER TYPE S42
- (CB35) CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- (CP13) MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 18-INCH DOWELED AND TINED

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 52  
 April 26, 2016

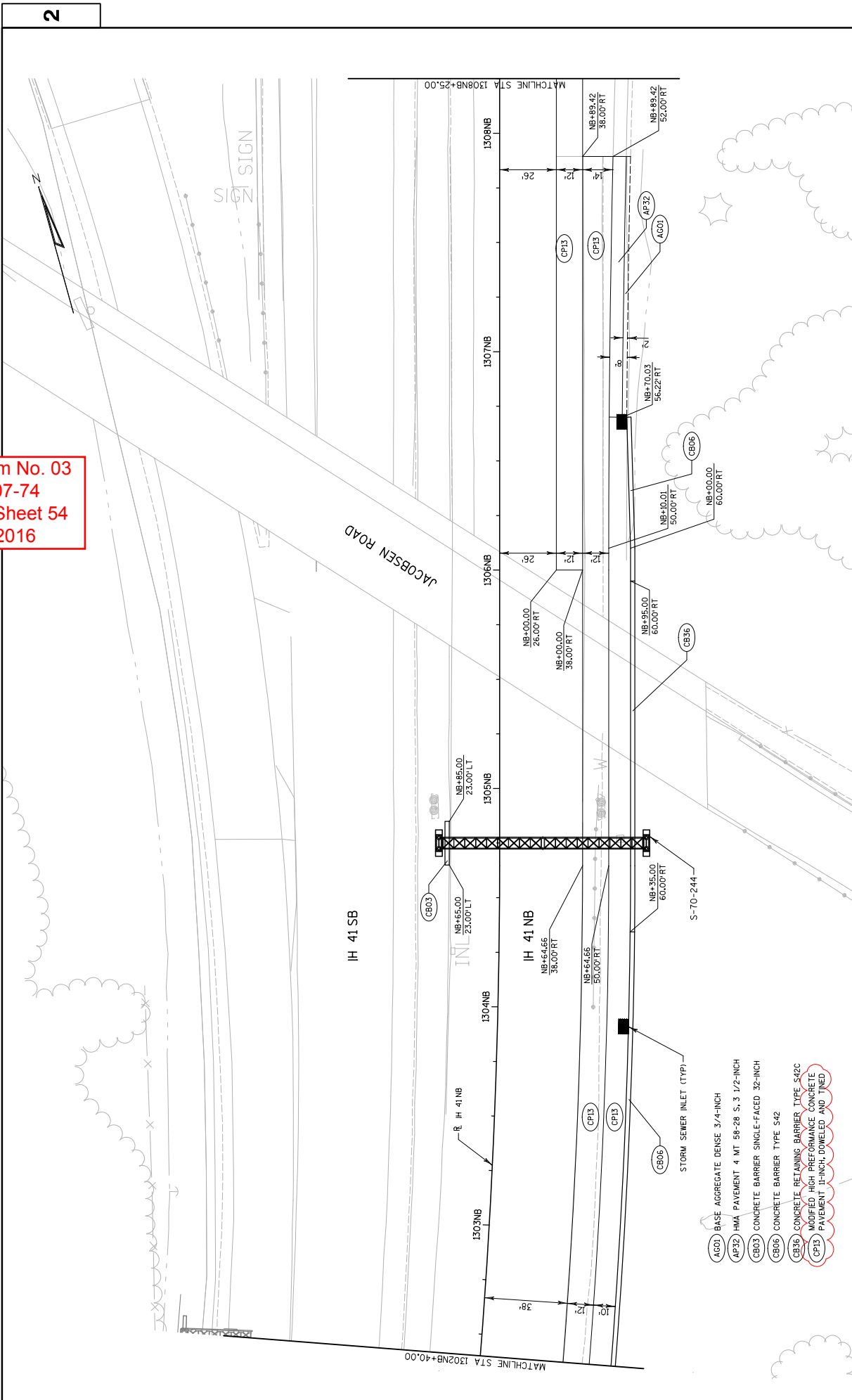
Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 53  
 April 26, 2016



(CBO6) CONCRETE CURB AND GUTTER 30-INCH TYPE A  
 (CPIB) MODIFIED HIGH PERFORMANCE CONCRETE  
 PAVEMENT 12-INCH DOWELED AND TINED

PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 NORTHBOUND	SHEET 53	E
FILE NAME : \\S1102K306\Projects\Tranport\tdt\tonus_10_MIS_441\CADD\sheets\15170774\021206.pd.dgn					
PLOT DATE : 4/26/2016					
PLOT BY : nck-becker					
PLOT SCALE : 40,0000 sf / 1"					
PLOT NAME :					

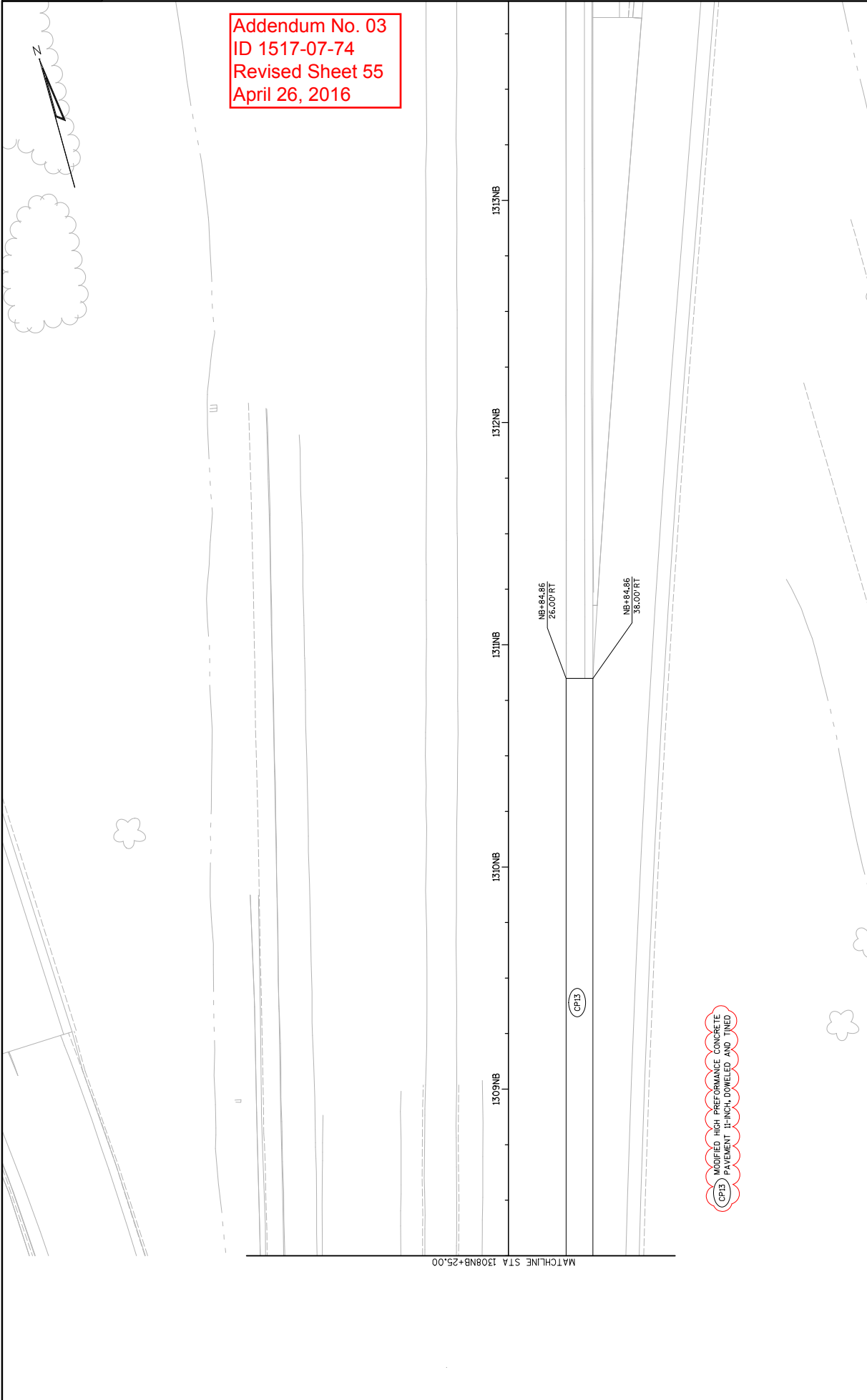
Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 54  
 April 26, 2016



- (AG01) BASE AGGREGATE DENSE 3/4-INCH
- (AP32) HMA PAVEMENT 4 MT 56-28 S. 3 1/2-INCH
- (CB03) CONCRETE BARRIER SINGLE-FACED 32-INCH
- (CB06) CONCRETE BARRIER TYPE S42
- (CB36) CONCRETE RETAINING BARRIER TYPE S42C
- (CP13) MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 1-INCH, DOWNLEED AND TIED

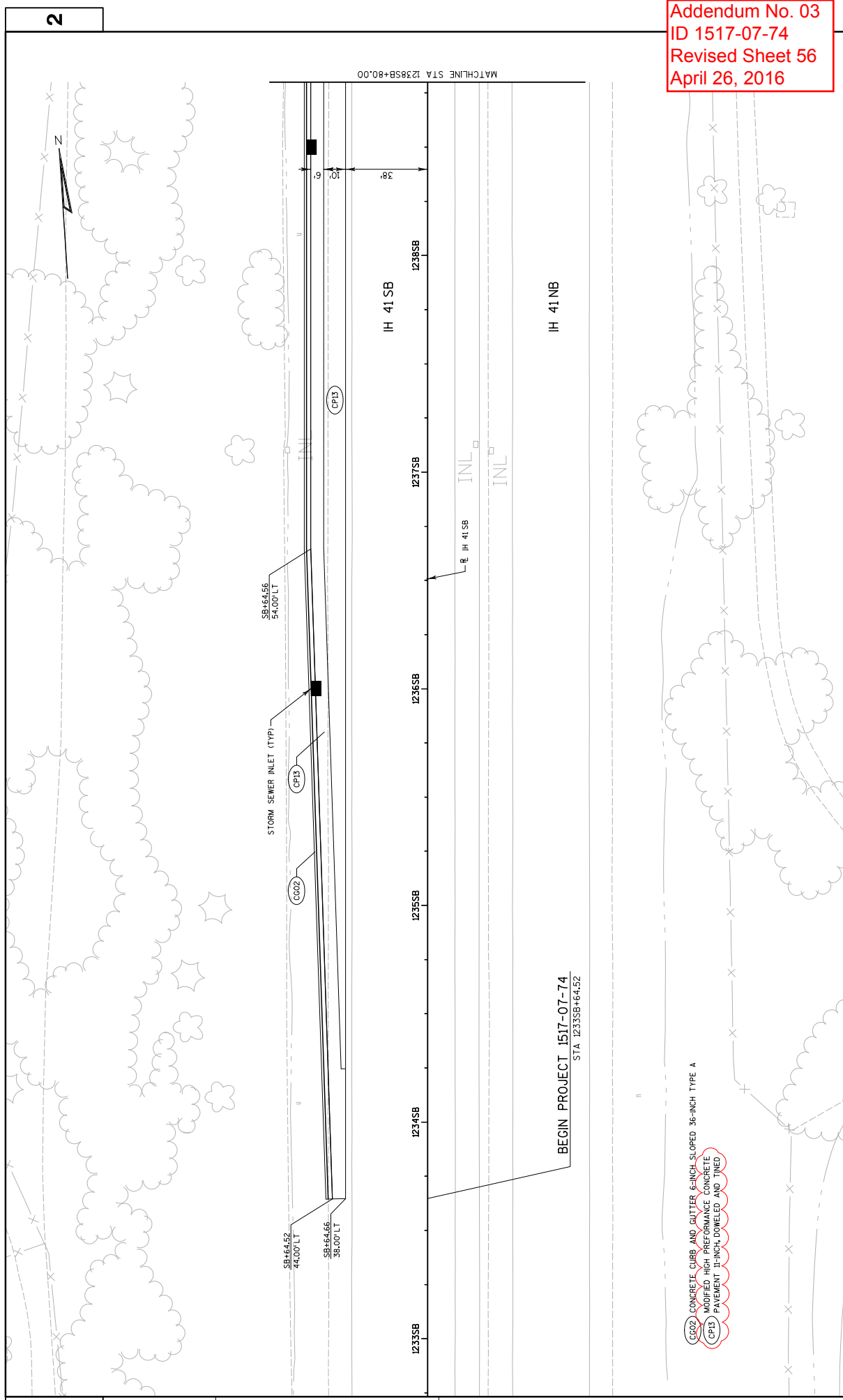


Addendum No. 03  
ID 1517-07-74  
Revised Sheet 55  
April 26, 2016



PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 NORTHBOUND	SHEET 55	E
FILE NAME : \\S1102K306\Projects\Transport\IOWA\15170774\021209 (2) - pd.dgn					
PLOT DATE : 4/26/2016					
PLOT BY : rick-becker					
PLOT SCALE : 40,0000 sf / in.					

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 56  
 April 26, 2016

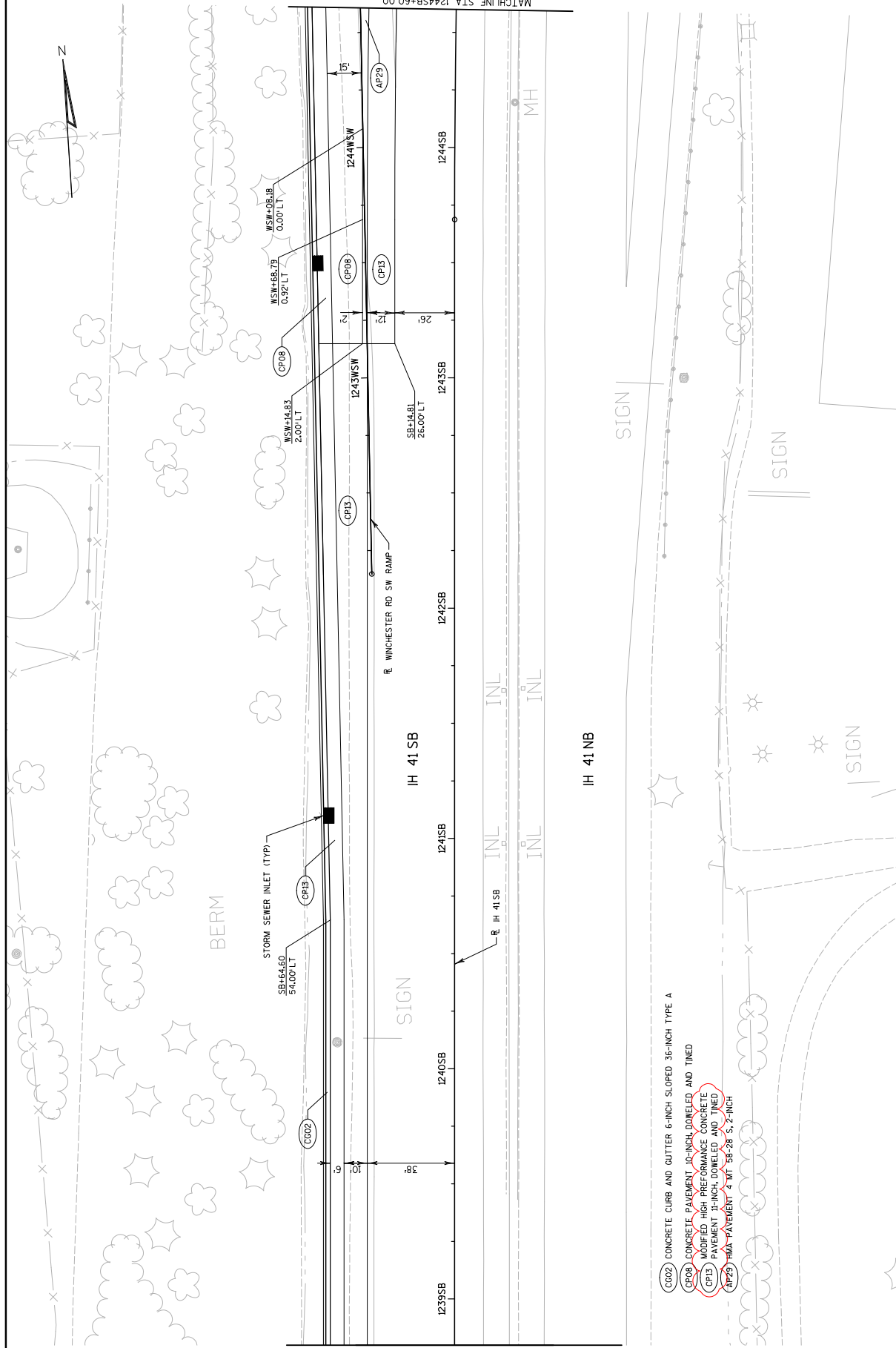


2

2

PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 SOUTHBOUND	SHEET 56	E
FILE NAME : \\S1102K306\Projects\Tranport\tdh\onus 10 MIS 441\CADD\sheets\15170774\021210.pd.dgn					
PLOT DATE : 4/26/2016					
PLOT BY : rick-becker					
PLOT SCALE : 40.0000 sf / in.					
WISDOT/CADD SHEET 42					

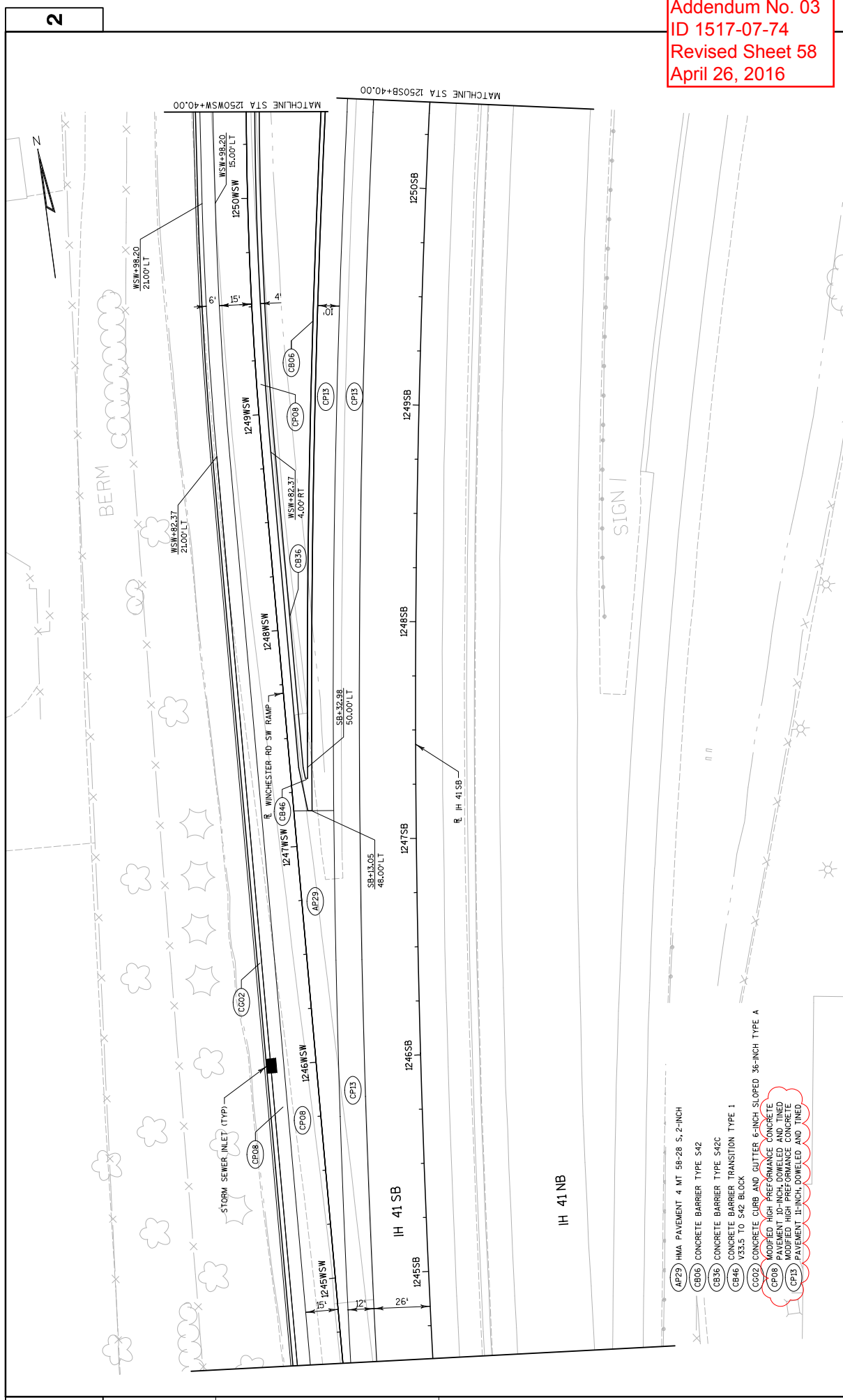
Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 57  
 April 26, 2016



- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CP08 CONCRETE PAVEMENT 10-INCH, DOWELED AND TINED
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH, DOWELED AND TINED
- AP29 HMA PAVEMENT 4 MI 58-28 S, 2-INCH

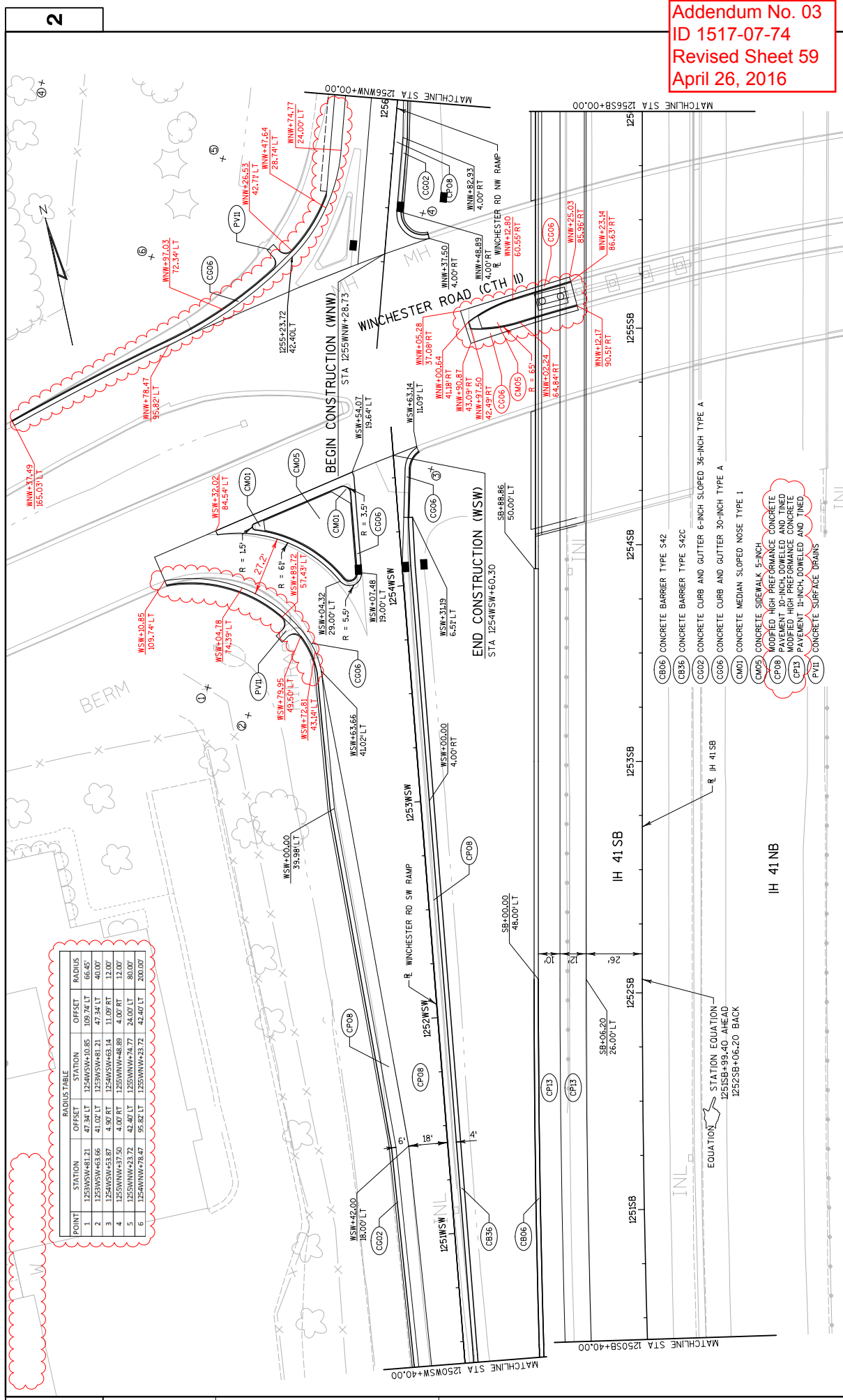
PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 SOUTHBOUND	SHEET 57	E
FILE NAME : \\S1102K306\Projects\Tranport\101\onus 10 MIS 441\CADD\sheets\15170774\021211.pd.dgn					
PLOT NAME : PLOT SCALE : 40,0000 SF / IN.					
PLOT BY : rick-becker					
PLOT DATE : 4/26/2016					

Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 58  
 April 26, 2016



- (AP29) HMA PAVEMENT 4 MT 58-28 S, 2-INCH
- (CB06) CONCRETE BARRIER TYPE S42
- (CB36) CONCRETE BARRIER TYPE S42C
- (CB46) CONCRETE BARRIER TRANSITION TYPE 1
- (C002) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- (CPO8) MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 10-INCH, DOWELED AND TINED
- (CPI3) MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH, DOWELED AND TINED

Addendum No. 03  
 ID 1517-07-74  
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RADIUS TABLE

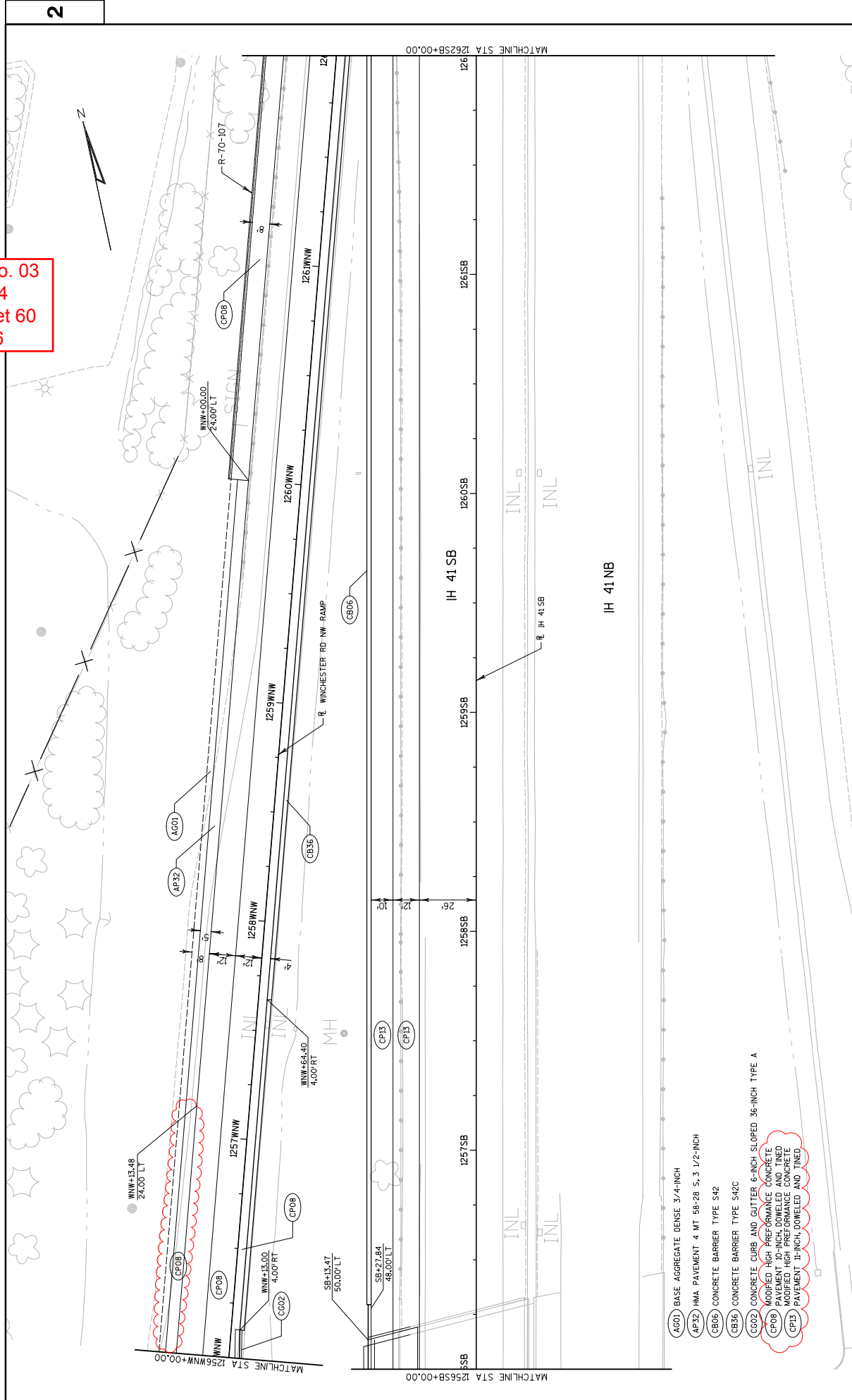
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1	1253WSW+81.21	47.34 LT	107.74 LT
2	1253WSW+63.66	41.02 LT	66.45
3	1254WSW+53.87	4.97 RT	47.34 LT
4	1255WSW+37.50	4.00 RT	11.09 RT
5	1255WSW+23.72	42.40 LT	4.00 RT
6	1255WSW+23.72	95.82 LT	24.00 LT
			200.00

- (CB06) CONCRETE BARRIER TYPE 542
- (CB36) CONCRETE BARRIER TYPE 542C
- (CO02) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- (CO06) CONCRETE CURB AND GUTTER 30-INCH TYPE A
- (CM05) CONCRETE MEDIAN SLOPED NOSE TYPE 1
- (CM06) CONCRETE SIDEWALK 5-INCH MODIFIED HIGH PERFORMANCE CONCRETE
- (CP06) PAVEMENT 10-INCH DOWELED AND TINED MODIFIED HIGH PERFORMANCE CONCRETE
- (CP13) PAVEMENT 11-INCH DOWELED AND TINED
- (PVI) CONCRETE SURFACE DRAINS

STATION EQUATION  
 IH 41 SB  
 1255SB+99.40 AHEAD  
 1252SB+06.20 BACK

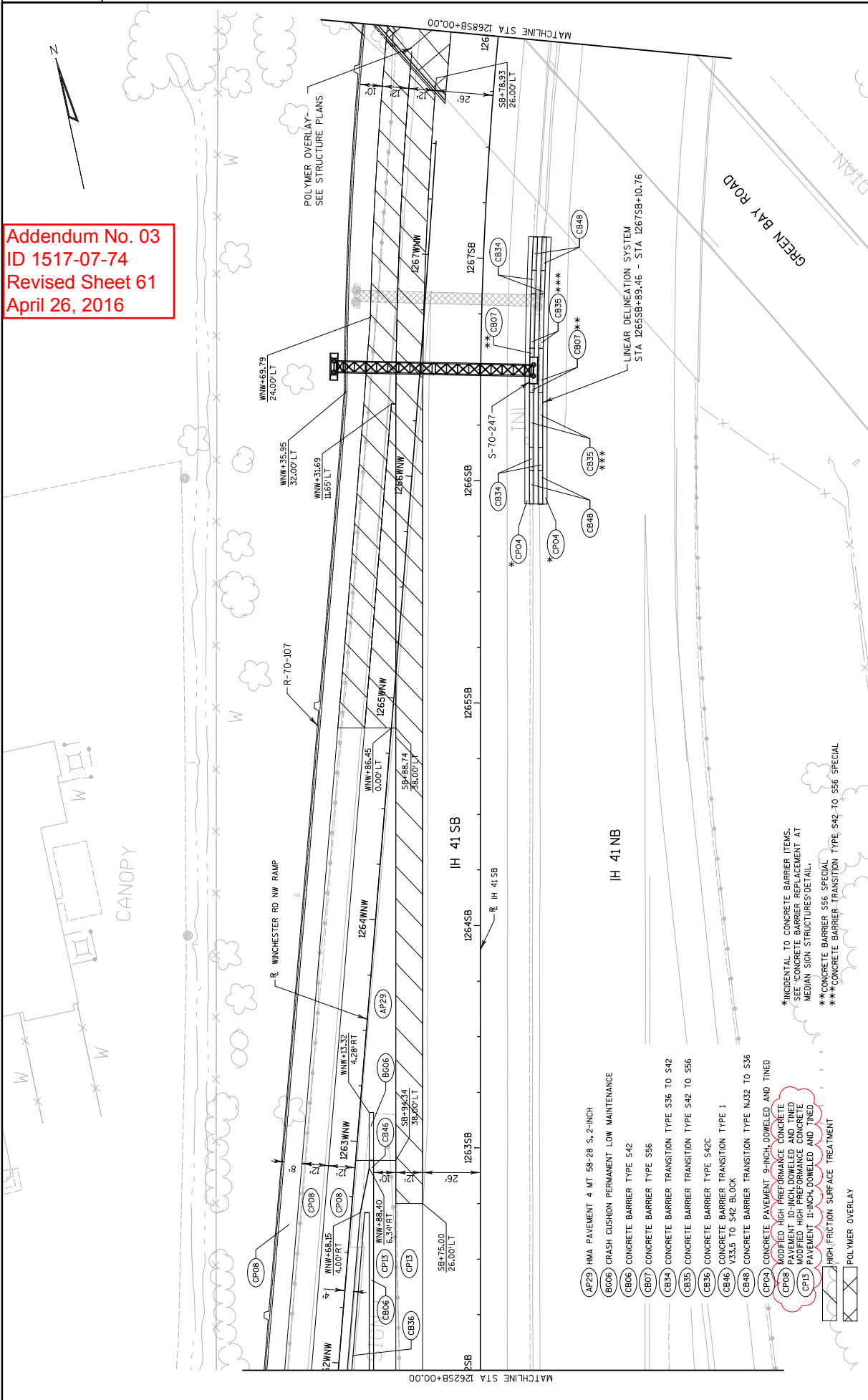


Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 60  
 April 26, 2016



- (AG01) BASE AGGREGATE DENSE 3/4-INCH
- (AP32) HMA PAVEMENT 4 MT 58-28 S, 3 1/2-INCH
- (CB06) CONCRETE BARRIER TYPE S42
- (CB36) CONCRETE BARRIER TYPE S42C
- (CC02) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- (CP08) MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 10-INCH, DOWELED AND TINED
- (CP13) MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH, DOWELED AND TINED

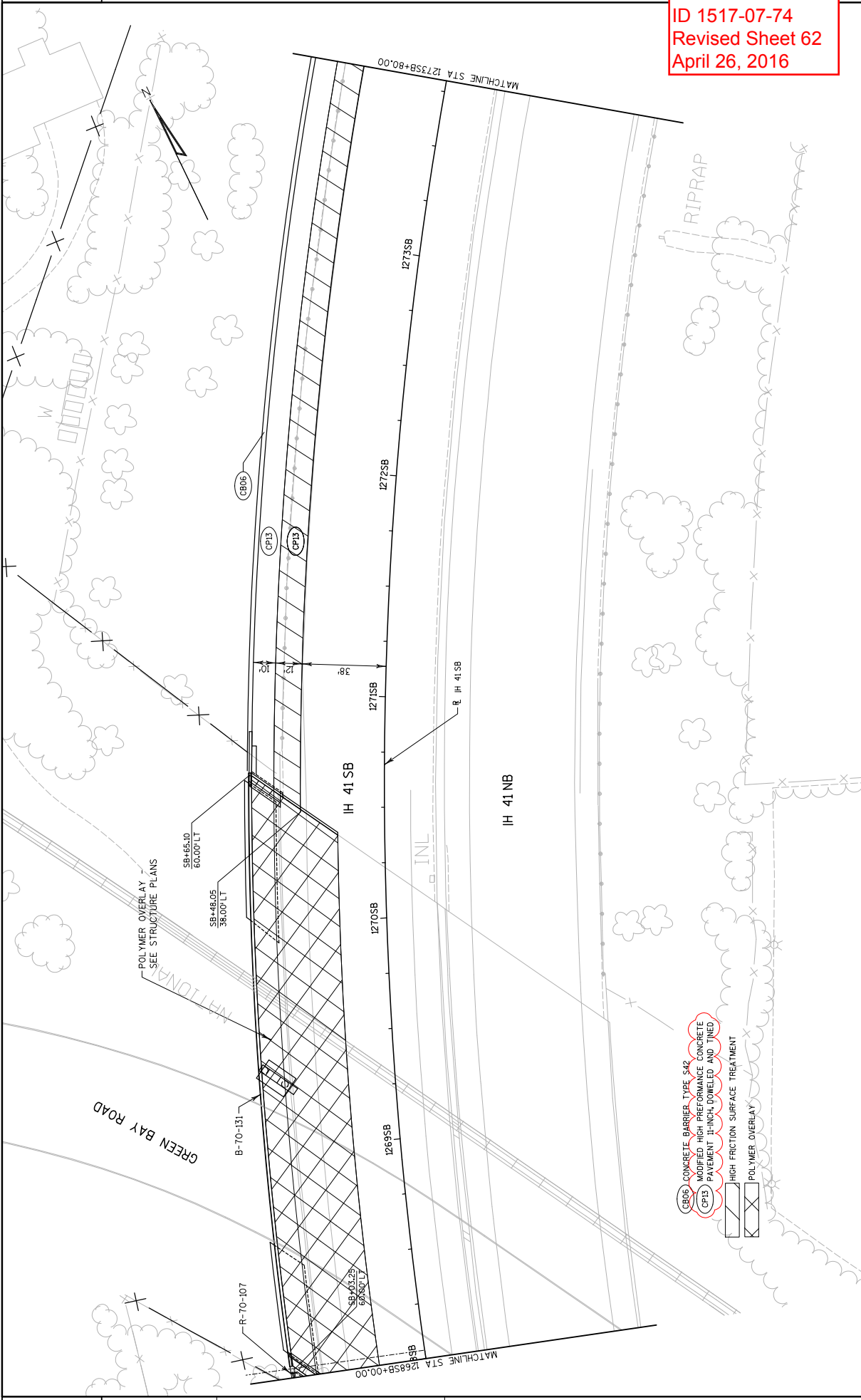
Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 61  
 April 26, 2016



- AP23 HMA PAVEMENT 4 MT 58-28 S. 2-INCH
- B606 CRASH CUSHION PERMANENT LOW MAINTENANCE
- CB06 CONCRETE BARRIER TYPE S42
- CB07 CONCRETE BARRIER TYPE S56
- CB34 CONCRETE BARRIER TRANSITION TYPE S36 TO S42
- CB35 CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- CB36 CONCRETE BARRIER TYPE S42C
- CB46 CONCRETE BARRIER TRANSITION TYPE I
- CB86 CONCRETE BARRIER TRANSITION TYPE N32 TO S36
- CP04 CONCRETE PAVEMENT 3-INCH, DOMELED AND TINED
- CP06 HIGH PERFORMANCE CONCRETE PAVEMENT 3-INCH, DOMELED AND TINED
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 3-INCH, DOMELED AND TINED
- CP36 PAVEMENT 3-INCH, DOMELED AND TINED
- CP38 HIGH FRICTION SURFACE TREATMENT
- CP39 POLYMER OVERLAY

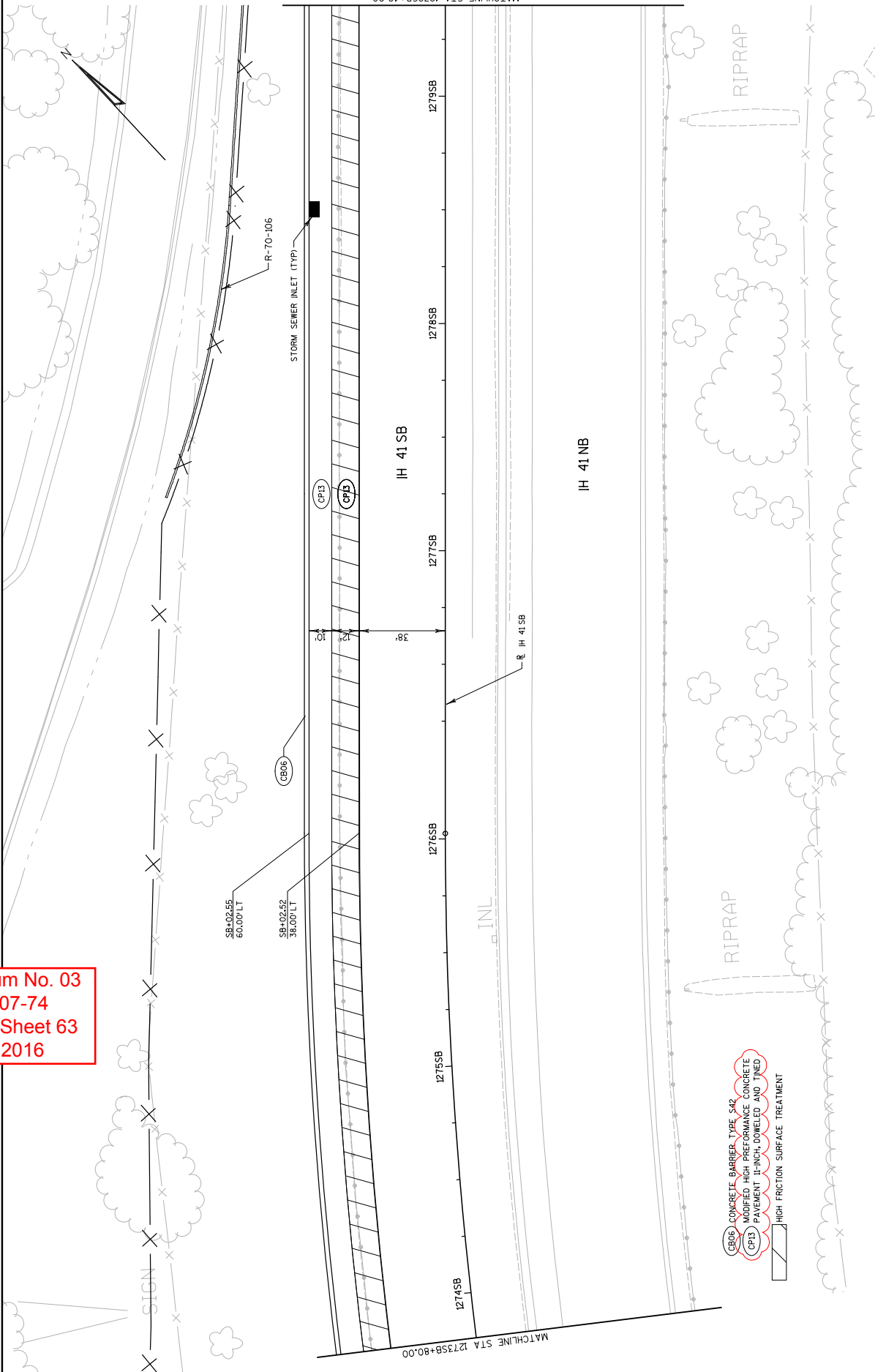
\* INCIDENTAL TO CONCRETE BARRIER ITEMS.  
 \*\* CONCRETE BARRIER REPLACEMENT AT MEDIAN SIGN STRUCTURES DETAIL.  
 \*\*\* CONCRETE BARRIER S56 SPECIAL  
 \*\*\*\* CONCRETE BARRIER TRANSITION TYPE S42 TO S56 SPECIAL

Addendum No. 03  
ID 1517-07-74  
Revised Sheet 62  
April 26, 2016



PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 SOUTHBOUND	SHEET 62	E
FILE NAME : \\S1102K306\Projects\Transport\I-41\15170774\021216.pd.dgn					
PLOT DATE : 4/26/2016					
PLOT BY : nck-becker					
PLOT SCALE : 40,0000 sf / in.					
WISDOT/CADD SHEET 42					

2



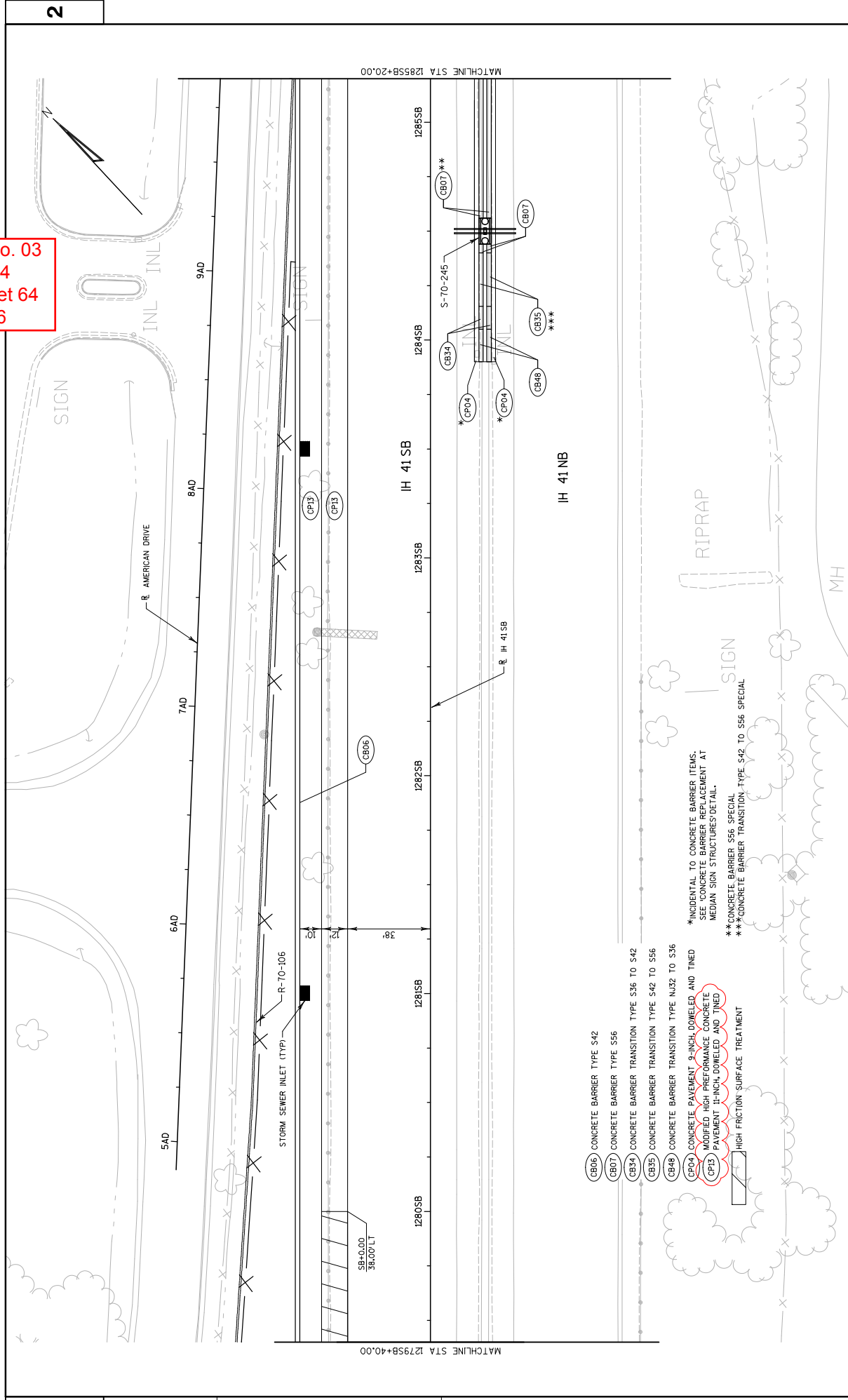
Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 63  
 April 26, 2016

- CB06 CONCRETE BARRIER TYPE S42
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH, DOWELED AND TINED
- HIGH FRICTION SURFACE TREATMENT

PROJECT NO: 1517-07-74	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 SOUTHBOUND	SHEET 63	E
FILE NAME : \\S1102K306\Projects\15170774\021217_bpd.dgn	PLOT DATE : 4/26/2016	PLOT BY : nuck-becker	PLOT SCALE : 40,0000 sf / in.	WISDOT/CADD SHEET 42

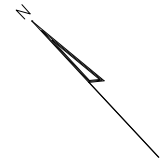
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Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 64  
 April 26, 2016

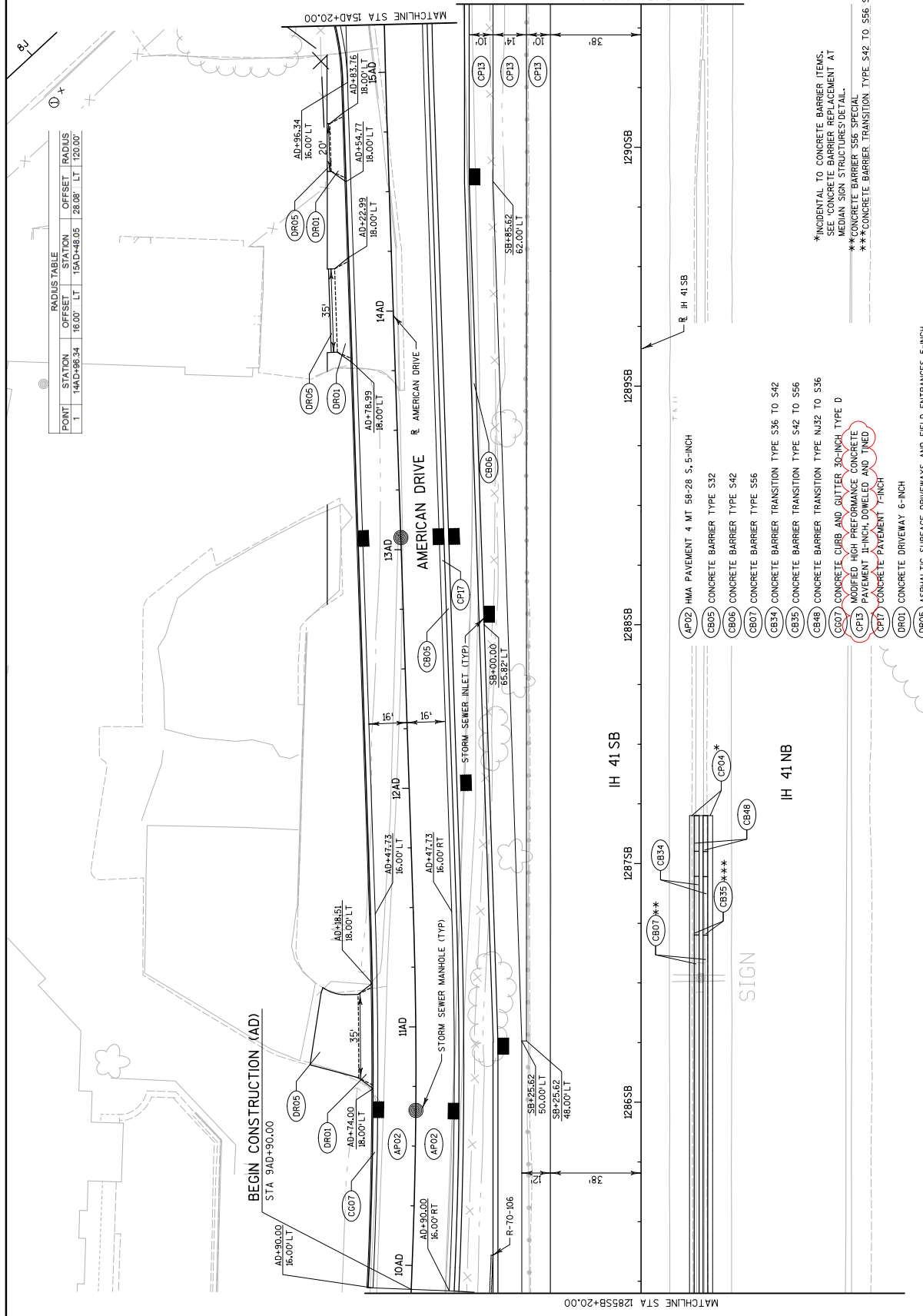


- CB06 CONCRETE BARRIER TYPE S42
- CB07 CONCRETE BARRIER TYPE S56
- CB34 CONCRETE BARRIER TRANSITION TYPE S36 TO S42
- CB35 CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- CB48 CONCRETE BARRIER TRANSITION TYPE NJ32 TO S36
- CP04 CONCRETE PAVEMENT 2-INCH, DOWELED AND TINED
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH, DOWELED AND TINED
- HIGH FRICTION SURFACE TREATMENT

\*INCIDENTAL TO CONCRETE BARRIER ITEMS. SEE 'CONCRETE BARRIER REPLACEMENT AT MEDIAN SIGN STRUCTURES' DETAIL.  
 \*\*CONCRETE BARRIER S56 SPECIAL  
 \*\*\*CONCRETE BARRIER TRANSITION TYPE S42 TO S56 SPECIAL



POINT	STATION	STATION	STATION	OFFSET	RADIUS
1	144D+96.34	16.00' LT	154D+48.05	20.08' LT	120.00'

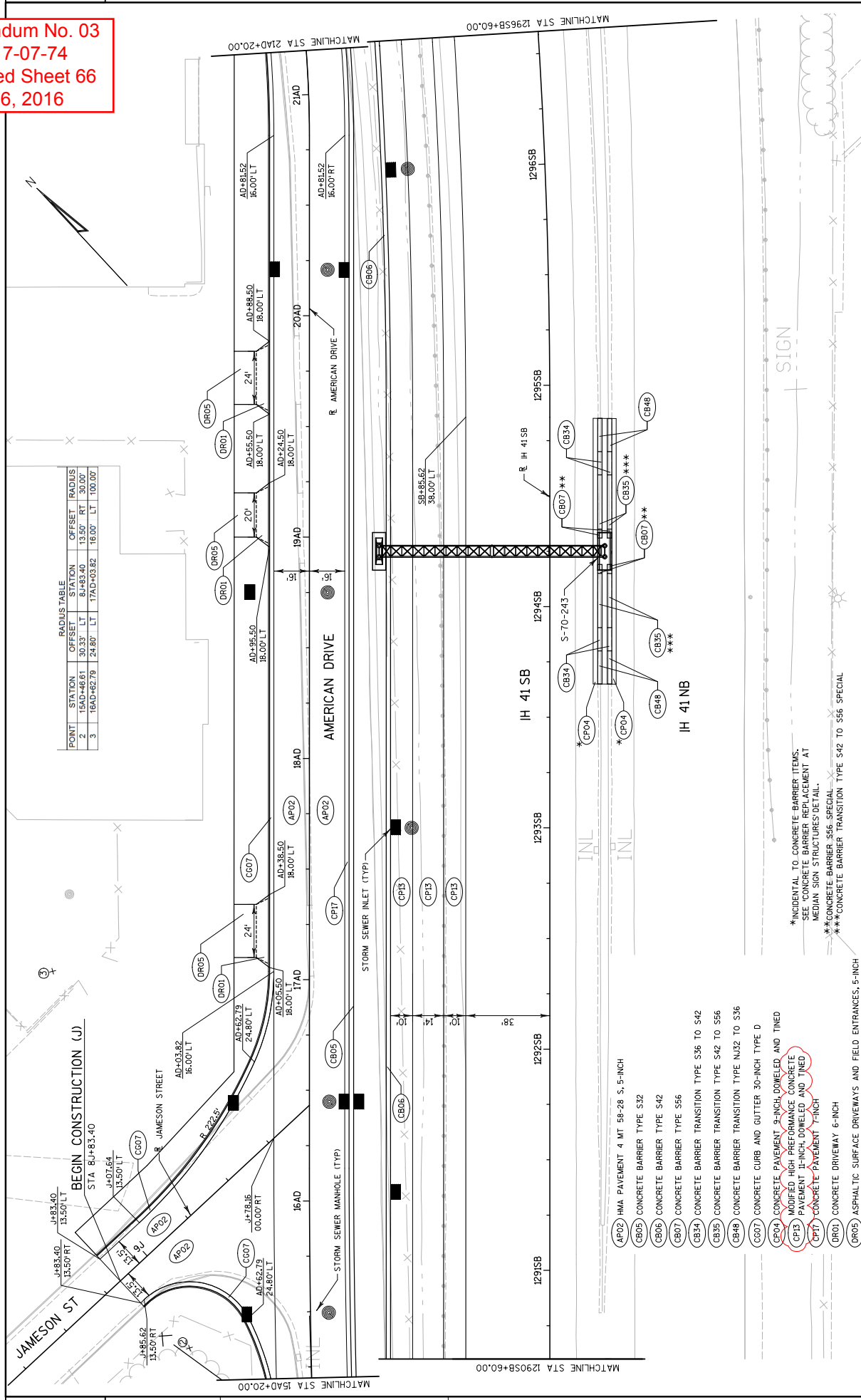


Addendum No. 03  
ID 1517-07-74  
Revised Sheet 65  
April 26, 2016

\* INCIDENTAL TO CONCRETE BARRIER ITEMS.  
SEE 'CONCRETE BARRIER REPLACEMENT AT MEDIAN SIGN STRUCTURES' DETAIL.  
\*\* CONCRETE BARRIER 356 SPECIAL  
\*\*\* CONCRETE BARRIER TRANSITION TYPE S42 TO S56 SPECIAL

- AP02 HMA PAVEMENT 4 MT 58-28 S, 5-INCH
- CB05 CONCRETE BARRIER TYPE S32
- CB06 CONCRETE BARRIER TYPE S42
- CB07 CONCRETE BARRIER TYPE S56
- CB34 CONCRETE BARRIER TRANSITION TYPE S36 TO S42
- CB35 CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- CB48 CONCRETE BARRIER TRANSITION TYPE N52 TO S56
- CG02 CONCRETE CURB AND GUTTER 30-INCH TYPE D
- CG07 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 7-INCH, DEVELOPED AND FIELD
- CPT1 CONCRETE PAVEMENT 7-INCH
- DR01 CONCRETE DRIVEWAY 6-INCH
- DR05 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 5-INCH

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 ID 1517-07-74  
 Revised Sheet 66  
 April 26, 2016



POINT	STATION	OFFSET	STATION	OFFSET	RADIUS
1	15AD+48.81	30.33' LT	8+1483.40	13.50' RT	30.00'
2	16AD+42.79	24.80' LT	17AD+03.82	18.00' LT	100.00'
3					

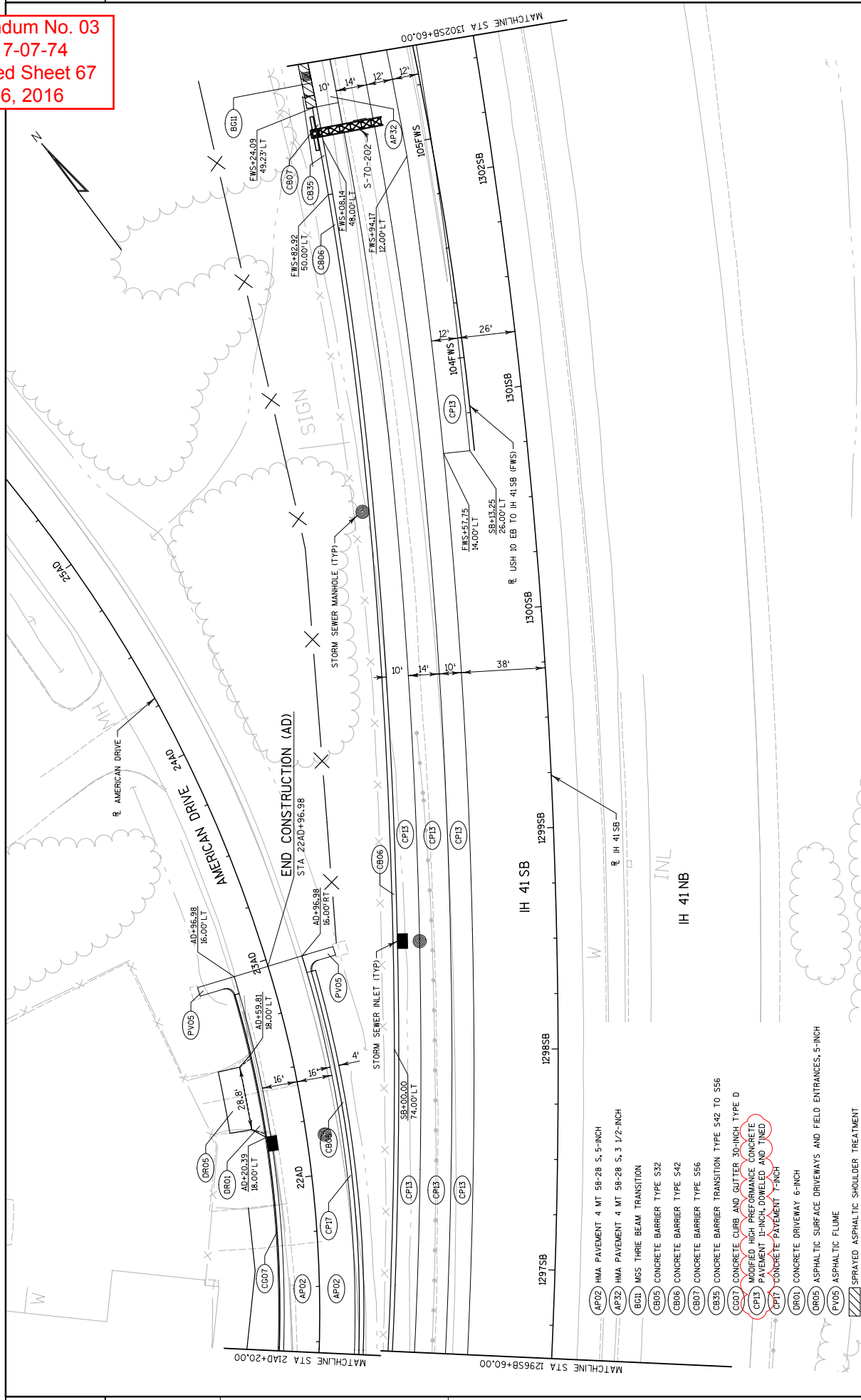
- AP02 HMA PAVEMENT 4 MT 58-28 S. 5-INCH
- CB05 CONCRETE BARRIER TYPE S32
- CB06 CONCRETE BARRIER TYPE S42
- CB07 CONCRETE BARRIER TYPE S56
- CB34 CONCRETE BARRIER TRANSITION TYPE S36 TO S42
- CB35 CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- CB48 CONCRETE BARRIER TRANSITION TYPE N32 TO S36
- CB00 CONCRETE CURB AND GUTTER 30-INCH TYPE D
- CP02 CONCRETE PAVEMENT 9-INCH DOWELED AND TINED
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 7-INCH DOWELED AND TINED
- CP71 CONCRETE PAVEMENT 7-INCH
- DR00 CONCRETE DRIVEWAY 6-INCH
- DR05 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 5-INCH

\* INCIDENTAL TO CONCRETE BARRIER ITEMS.  
 \*\* CONCRETE BARRIER REPLACEMENT AT MEDIAN SIGN STRUCTURES DETAIL.  
 \*\*\* CONCRETE BARRIER TRANSITION TYPE S42 TO S56 SPECIAL

PROJECT NO: 1517-07-74 COUNTY: WINNEBAGO HWY: IH 41	PLAN DETAILS - IH 41 SOUTHBOUND PLOT NAME : PLOT BY : nuck-becker PLOT DATE : 4/26/2016	SHEET 66 E	WISDOT/CADD SHEET 42 PLOT SCALE : 40,0000 SF / IN.
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Addendum No. 03  
 ID 1517-07-74  
 Revised Sheet 67  
 April 26, 2016

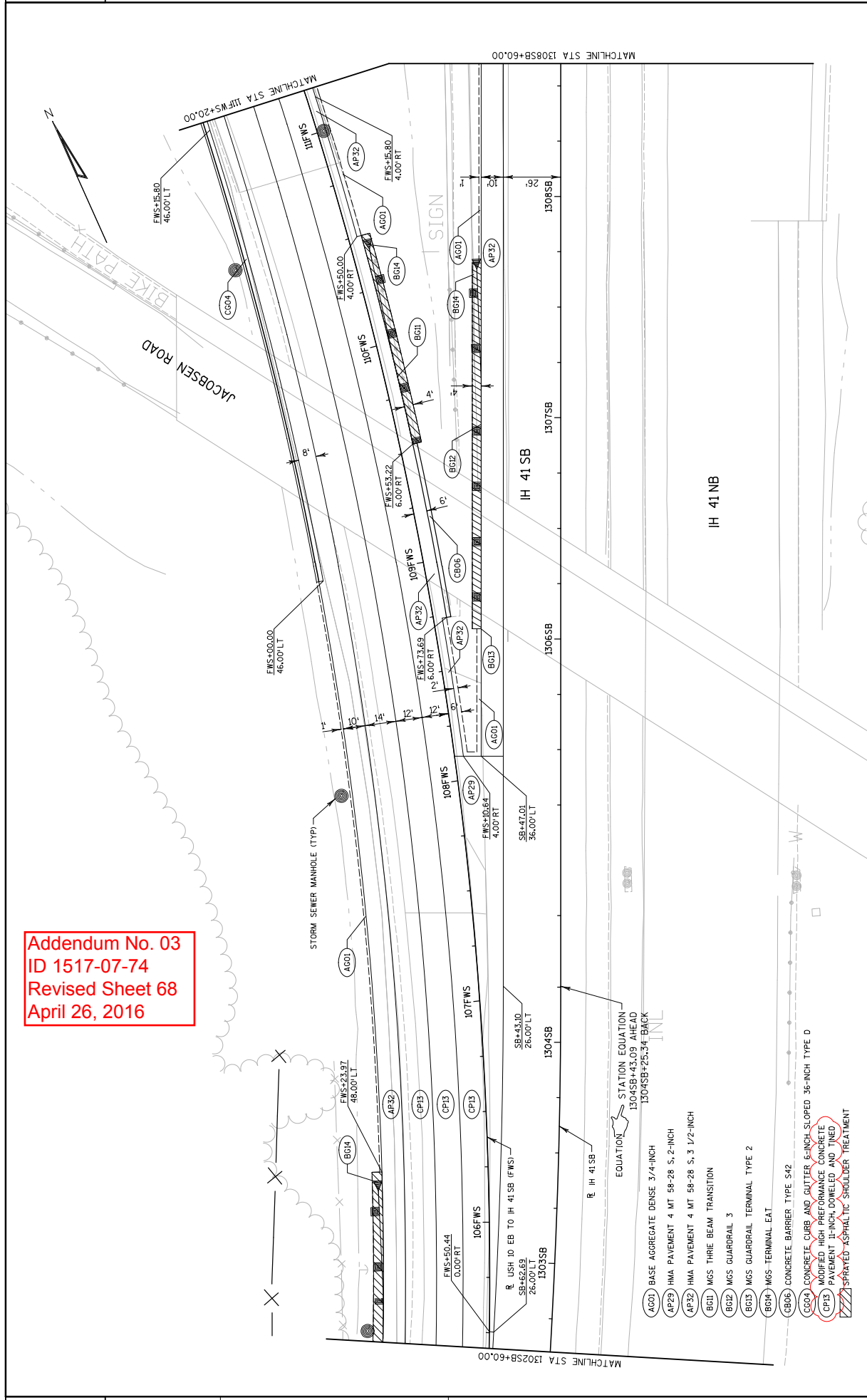


PROJECT NO: 1517-07-74	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 SOUTHBOUND	SHEET 67	E
FILE NAME : \\S1102K306\p\projects\tr\enabp\tr\onus 10 MIS 441\CADD\sheets\15170774\021221.pd.dgn	HWY: IH 41	PLOT NAME :	PLOT SCALE : 40.0000 sf / in.	WISDOT/CADD SHEET 42

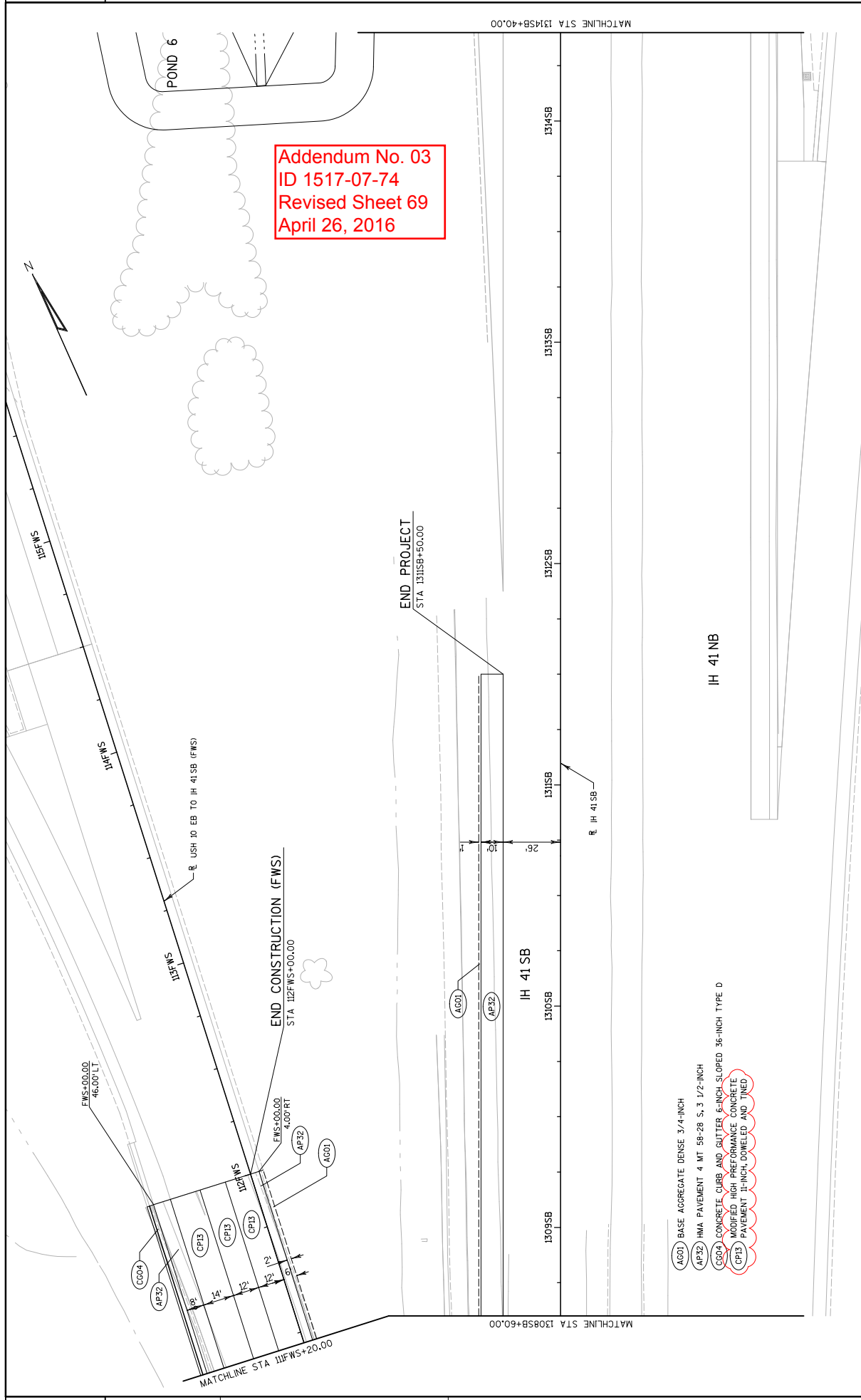
- AP02 HMA PAVEMENT 4 MT 58-28 S, 5-INCH
- AP32 HMA PAVEMENT 4 MT 58-28 S, 3 1/2-INCH
- BC11 MGS THREE BEAM TRANSITION
- CB05 CONCRETE BARRIER TYPE S32
- CB06 CONCRETE BARRIER TYPE S42
- CB07 CONCRETE BARRIER TYPE S56
- CB35 CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- CS07 CONCRETE CURB AND GUTTER 30-INCH TYPE D
- CP13 MODIFIED HIGH PERFORMANCE CONCRETE PAVEMENT 11-INCH, DOWELED AND TINED
- CPT1 CONCRETE PAVEMENT 7-INCH
- DR01 CONCRETE DRIVEWAY 6-INCH
- DR05 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 5-INCH
- PV05 ASPHALTIC FLUME
- SPRZ SPRAYED ASPHALTIC SHOULDER TREATMENT



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 ID 1517-07-74  
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 April 26, 2016



- EQUATION: STATION EQUATION  
 1304SB+45.09 AHEAD  
 1304SB+25.34 BACK
- (AC01) BASE AGGREGATE DENSE 3/4-INCH
  - (AP29) HMA PAVEMENT 4 MT 58-28 S.2-INCH
  - (AP32) HMA PAVEMENT 4 MT 58-28 S.3 1/2-INCH
  - (BG11) MGS THREE BEAM TRANSITION
  - (BG12) MGS GUARDRAIL 3
  - (BG13) MGS GUARDRAIL TERMINAL TYPE 2
  - (BG16) MGS TERMINAL EAT
  - (CB06) CONCRETE BARRIER TYPE S42
  - (CC02) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D
  - (CC03) MODIFIED HIGH PERFORMANCE CONCRETE
  - (CP13) PAVEMENT 11-INCH, DOWELED AND TINED
  - (SPR) SPRAYED ASPHALTIC SHOULDER TREATMENT



PROJECT NO: 1517-07-74	HWY: IH 41	COUNTY: WINNEBAGO	PLAN DETAILS - IH 41 SOUTHBOUND	SHEET 69	E
FILE NAME : \\S1102K306\Projects\Tranport\101\1015 441\CADD\sheets\15170774\021223.pd.dgn					
PLOT DATE : 4/26/2016					
PLOT BY : nck-becker					
PLOT SCALE : 40,0000 sf / in.					
WISDOT/CADD SHEET 42					

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 ID 1517-07-74  
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 April 26, 2016

PAVEMENT

LOCATION	STA	STA	3/4-INCH	AGGREGATE DENSE	305-.0110	305-.0120	BASE	311-.0110	320-.0155	415-.0070	415-.0090	416-.0610	460-.6224	455-.0605	465-.0120	416-.0160	SPV-.0180-.003	SPV-.0180-.004	MODIFIED HIGH									
																			CONCRETE BASE	CONCRETE PAVEMENT	CONCRETE DRIVEWAY	PERFORMANCE CONCRETE (HPC) PAVEMENT	10-INCH	11-INCH	SY			
			TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON						
NORTHBOUND	1250NB+00	1260NB+00	40	1013	2193	0	0	0	0	0	20	0	0	0	0	0	0	0	0	2576	0	0						
	1260NB+00	1270NB+00	0	1200	3011	0	0	0	0	0	145	0	0	0	0	0	0	0	0	2648	145	0						
	1270NB+00	1280NB+00	0	1073	2760	0	0	0	0	0	445	0	0	0	0	0	0	0	0	0	0	2406	0					
	1280NB+00	1290NB+00	0	1101	2785	0	0	0	0	0	445	0	0	0	0	0	0	0	0	0	0	0	2445	0				
	1290NB+00	1300NB+00	0	928	2415	0	0	0	0	0	445	0	0	0	0	0	0	0	0	0	0	0	0	2465	0			
	1300NB+00	1310NB+85	36	851	2838	0	0	0	0	0	516	17	10	10	0	0	0	0	0	0	0	0	0	0	2470	0		
	1233SB+00	1240SB+00	0	557	1167	0	0	0	0	0	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	963	0	
	1240SB+00	1250SB+00	0	1874	4221	316	0	0	0	0	450	37	10	10	0	0	0	0	0	0	1712	1873	0	0	0	1712	0	
	1250SB+00	1260SB+00	0	2945	6505	0	0	0	0	0	460	43	10	10	0	0	0	0	0	0	3670	1964	0	0	0	3670	0	
	1260SB+00	1270SB+00	0	1632	4087	217	0	0	0	0	350	26	10	10	0	0	0	0	0	0	2730	1377	0	0	0	2730	0	
1270SB+00	1280SB+00	0	1242	3059	0	0	0	0	0	440	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2411	0	
1280SB+00	1290SB+00	0	1346	3334	0	0	0	0	0	445	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2704	0
1290SB+00	1300SB+00	29	1702	4286	0	0	0	0	0	445	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3741	0
1300SB+00	1310SB+00	473	3187	6568	292	0	0	0	0	480	308	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	3960	0
1310SB+00	1320SB+00	282	969	2069	0	0	0	0	0	0	226	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1320SB+00	1330SB+00	29	89	207	0	0	0	0	0	0	24	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMERICAN DRIVE	9AD+90	22AD+96-.98	0	2185	5851	0	0	0	0	289	0	0	1508	130	31	146	0	0	0	0	0	0	0	0	0	0	0	0
BARRIER WORK AT	S-70-244		0	6	16	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIGN STRUCTURES	S-70-246		0	17	45	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL			889	23,917	57,417	825	289	32	5,371	2,189	260	31	13,336	28,924	146	0	0	0	0	0	0	0	0	0	0	0	0	0

ALL ITEMS ARE CATEGORY 1000 UNLESS OTHERWISE SPECIFIED.



SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058

PROJECT(S):  
1517-07-74

FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 ROADWAY

0010	201.0110 Clearing	16,790.000 SY	.	.	.	.
0020	201.0120 Clearing	225.000 ID	.	.	.	.
0030	201.0210 Grubbing	16,790.000 SY	.	.	.	.
0040	201.0220 Grubbing	225.000 ID	.	.	.	.
0050	203.0200 Removing Old Structure (station) 001. STA 1255+25	LUMP	LUMP	.	.	.
0060	203.0200 Removing Old Structure (station) 002. STA 1267SB+50	LUMP	LUMP	.	.	.
0070	203.0200 Removing Old Structure (station) 003. STA 1267NB+00	LUMP	LUMP	.	.	.
0080	203.0225.S Debris Containment (structure) 001. B-70-131	LUMP	LUMP	.	.	.
0090	203.0225.S Debris Containment (structure) 002. B-70-132	LUMP	LUMP	.	.	.
0100	204.0100 Removing Pavement	28,327.000 SY	.	.	.	.

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	204.0110 Removing Asphaltic Surface	8,262.000 SY	.	.	.	.
0120	204.0150 Removing Curb & Gutter	1,391.000 LF	.	.	.	.
0130	204.0155 Removing Concrete Sidewalk	132.000 SY	.	.	.	.
0140	204.0157 Removing Concrete Barrier	1,430.000 LF	.	.	.	.
0150	204.0165 Removing Guardrail	7,040.000 LF	.	.	.	.
0160	204.0170 Removing Fence	7,319.000 LF	.	.	.	.
0170	204.0180 Removing Delineators and Markers	8.000 EACH	.	.	.	.
0180	204.0220 Removing Inlets	4.000 EACH	.	.	.	.
0190	204.0245 Removing Storm Sewer (size) 001. 12-Inch- 18-Inch	202.000 LF	.	.	.	.
0200	204.0245 Removing Storm Sewer (size) 002. 21-Inch- 30 Inch	14.000 LF	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058

PROJECT(S):  
1517-07-74

FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0210	204.9060.S Removing (item description) 001. Removing Concrete Apron Endwall For Pipe Underdrain	2.000 EACH	.		.	
0220	204.9060.S Removing (item description) 002. Removing Endwalls	5.000 EACH	.		.	
0230	204.9105.S Removing (item description) 003. Removing Sign Structure Base	LUMP	LUMP		.	
0240	205.0100 Excavation Common	88,711.000 CY	.		.	
0250	205.0200 Excavation Rock	17,600.000 CY	.		.	
0260	206.1000 Excavation for Structures Bridges (structure) 001. B-70-129	LUMP	LUMP		.	
0270	206.1000 Excavation for Structures Bridges (structure) 002. B-70-131	LUMP	LUMP		.	
0280	206.1000 Excavation for Structures Bridges (structure) 003. B-70-132	LUMP	LUMP		.	
0290	210.0100 Backfill Structure	910.000 CY	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0300	213.0100 Finishing Roadway (project) 001. 1517-07-74	1.000 EACH	.		.	
0310	305.0110 Base Aggregate Dense 3/4-Inch	889.000 TON	.		.	
0320	305.0120 Base Aggregate Dense 1 1/4-Inch	23,917.000 TON	.		.	
0330	311.0110 Breaker Run	57,417.000 TON	.		.	
0340	320.0155 Concrete Base 9-Inch	825.000 SY	.		.	
0350	415.0070 Concrete Pavement 7-Inch	289.000 SY	.		.	
0360	415.0090 Concrete Pavement 9-Inch	32.000 SY	.		.	
0390	416.0160 Concrete Driveway 6-Inch	146.000 SY	.		.	
0400	416.0610 Drilled Tie Bars	5,371.000 EACH	.		.	
0410	416.0620 Drilled Dowel Bars	287.000 EACH	.		.	
0420	416.1010 Concrete Surface Drains	2.000 CY	.		.	



## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
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1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0430	440.4410 Incentive IRI Ride	6,432.000 DOL	1.00000		6432.00	
0440	455.0605 Tack Coat	260.000 GAL	.		.	
0450	460.2000 Incentive Density HMA Pavement	1,150.000 DOL	1.00000		1150.00	
0460	460.6224 HMA Pavement 4 MT 58-28 S	2,189.000 TON	.		.	
0470	465.0120 Asphaltic Surface Driveways and Field Entrances	31.000 TON	.		.	
0480	465.0315 Asphaltic Flumes	18.000 SY	.		.	
0490	501.1000.S Ice Hot Weather Concreting	8,053.000 LB	.		.	
0500	502.3100 Expansion Device (structure) 001. B-70-131	LUMP	LUMP		.	
0510	502.3100 Expansion Device (structure) 002. B-70-132	LUMP	LUMP		.	
0520	502.3200 Protective Surface Treatment	522.000 SY	.		.	
0530	502.3210 Pigmented Surface Sealer	1,973.000 SY	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0540	502.5002 Masonry Anchors Type L No. 4 Bars	30.000 EACH	.		.	
0550	502.5010 Masonry Anchors Type L No. 6 Bars	118.000 EACH	.		.	
0560	502.5025 Masonry Anchors Type L No. 9 Bars	27.000 EACH	.		.	
0570	503.0155 Prestressed Girder Type I 54W-Inch	412.000 LF	.		.	
0580	504.0500 Concrete Masonry Retaining Walls	1,121.000 CY	.		.	
0590	505.0400 Bar Steel Reinforcement HS Structures	6,380.000 LB	.		.	
0600	505.0600 Bar Steel Reinforcement HS Coated Structures	326,650.000 LB	.		.	
0610	506.0605 Structural Steel HS	365,400.000 LB	.		.	
0620	506.2605 Bearing Pads Elastomeric Non-Laminated	8.000 EACH	.		.	
0630	506.3015 Welded Stud Shear Connectors 7/8x6-Inch	2,424.000 EACH	.		.	
0640	506.4000 Steel Diaphragms (structure) 001. B-70-129	8.000 EACH	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0650	506.5000 Bearing Assemblies Fixed (structure) 001. B-70-131	EACH 2.000	.		.	
0660	506.5000 Bearing Assemblies Fixed (structure) 002. B-70-132	EACH 2.000	.		.	
0670	506.6000 Bearing Assemblies Expansion (structure) 001. B-70-131	EACH 4.000	.		.	
0680	506.6000 Bearing Assemblies Expansion (structure) 002. B-70-132	EACH 4.000	.		.	
0690	509.5100.S Polymer Overlay	SY 1,874.000	.		.	
0700	511.1100 Temporary Shoring	SF 7,600.000	.		.	
0710	511.1200 Temporary Shoring (structure) 001. B-70-129	SF 912.000	.		.	
0720	511.1200 Temporary Shoring (structure) 002. B-70-131	SF 905.000	.		.	
0730	511.1200 Temporary Shoring (structure) 003. S-70-202	SF 360.000	.		.	
0740	511.1200 Temporary Shoring (structure) 004. B-70-132	SF 700.000	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0750	516.0500 Rubberized Membrane Waterproofing	129.000 SY	.	.	.	.
0760	517.0600 Painting Epoxy System (structure) 001. B-70-131	LUMP	LUMP	.	.	.
0770	517.0600 Painting Epoxy System (structure) 002. B-70-132	LUMP	LUMP	.	.	.
0780	517.3000.S Structure Overcoating Cleaning and Priming (structure) 001. B-70-131	LUMP	LUMP	.	.	.
0790	517.3000.S Structure Overcoating Cleaning and Priming (structure) 002. B-70-132	LUMP	LUMP	.	.	.
0800	517.4000.S Containment and Collection of Waste Materials (structure) 001. B-70-131	LUMP	LUMP	.	.	.
0810	517.4000.S Containment and Collection of Waste Materials (structure) 002. B-70-132	LUMP	LUMP	.	.	.
0820	520.8000 Concrete Collars for Pipe	4.000 EACH	.	.	.	.
0830	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	2.000 EACH	.	.	.	.

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0840	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH 4.000	.		.	
0850	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH 5.000	.		.	
0860	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	EACH 1.000	.		.	
0870	522.1054 Apron Endwalls for Culvert Pipe Reinforced Concrete 54-Inch	EACH 1.000	.		.	
0880	550.0020 Pre-Boring Rock or Consolidated Materials	LF 211.000	.		.	
0890	550.0500 Pile Points	EACH 26.000	.		.	
0900	550.1100 Piling Steel HP 10-Inch X 42 Lb	LF 1,926.000	.		.	
0910	601.0409 Concrete Curb & Gutter 30-Inch Type A	LF 920.000	.		.	
0920	601.0411 Concrete Curb & Gutter 30-Inch Type D	LF 1,350.000	.		.	
0930	601.0555 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF 2,234.000	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0940	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	295.000 LF	.	.	.	.
0950	602.0410 Concrete Sidewalk 5-Inch	2,395.000 SF	.	.	.	.
0960	603.0105 Concrete Barrier Single-Faced 32-Inch	40.000 LF	.	.	.	.
0970	603.1132 Concrete Barrier Type S32	1,343.000 LF	.	.	.	.
0980	603.1142 Concrete Barrier Type S42	8,285.000 LF	.	.	.	.
0990	603.1442 Concrete Barrier Type S42C	1,507.000 LF	.	.	.	.
1000	603.2156 Concrete Barrier Fixed Object Protection Type S56	16.000 LF	.	.	.	.
1010	603.3113 Concrete Barrier Transition Type NJ32SF to S36	14.000 EACH	.	.	.	.
1020	603.3513 Concrete Barrier Transition Type S32 to S36	2.000 EACH	.	.	.	.
1030	603.3535 Concrete Barrier Transition Type S36 to S42	16.000 EACH	.	.	.	.
1040	603.3559 Concrete Barrier Transition Type S42 to S56	3.000 EACH	.	.	.	.

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1050	603.8000 Concrete Barrier Temporary Precast Delivered	22,610.000 LF	.		.	
1060	603.8125 Concrete Barrier Temporary Precast Installed	24,410.000 LF	.		.	
1070	604.0400 Slope Paving Concrete	386.000 SY	.		.	
1080	604.0600 Slope Paving Select Crushed Material	317.000 SY	.		.	
1090	606.0200 Riprap Medium	994.000 CY	.		.	
1100	606.0300 Riprap Heavy	500.000 CY	.		.	
1110	608.0005 Storm Sewer Rock Excavation	2,726.000 CY	.		.	
1120	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	327.000 LF	.		.	
1130	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	39.000 LF	.		.	
1140	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	3,046.000 LF	.		.	
1150	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	1,267.000 LF	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1160	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	405.000 LF	.		.	
1170	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	25.000 LF	.		.	
1180	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	590.000 LF	.		.	
1190	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	106.000 LF	.		.	
1200	608.0454 Storm Sewer Pipe Reinforced Concrete Class IV 54-Inch	559.000 LF	.		.	
1210	611.0430 Reconstructing Inlets	3.000 EACH	.		.	
1220	611.0530 Manhole Covers Type J	17.000 EACH	.		.	
1230	611.0535 Manhole Covers Type J-Special	4.000 EACH	.		.	
1240	611.0624 Inlet Covers Type H	10.000 EACH	.		.	
1250	611.0627 Inlet Covers Type HM	3.000 EACH	.		.	
1260	611.0654 Inlet Covers Type V	39.000 EACH	.		.	



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CONTRACT:  
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1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1270	611.2005 Manholes 5-FT Diameter	4.000 EACH	.		.	
1280	611.2006 Manholes 6-FT Diameter	22.000 EACH	.		.	
1290	611.2007 Manholes 7-FT Diameter	3.000 EACH	.		.	
1300	611.2008 Manholes 8-FT Diameter	5.000 EACH	.		.	
1310	611.3004 Inlets 4-FT Diameter	29.000 EACH	.		.	
1320	611.3230 Inlets 2x3-FT	10.000 EACH	.		.	
1330	612.0106 Pipe Underdrain 6-Inch	20.000 LF	.		.	
1340	612.0406 Pipe Underdrain Wrapped 6-Inch	3,429.000 LF	.		.	
1350	612.0806 Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	1.000 EACH	.		.	
1360	614.0397 Guardrail Mow Strip Emulsified Asphalt	242.000 SY	.		.	

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REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1370	614.0805 Crash Cushions Permanent Low Maintenance	1.000 EACH	.		.	
1380	614.0905 Crash Cushions Temporary	20.000 EACH	.		.	
1390	614.1000 MGS Guardrail Temporary	927.000 LF	.		.	
1400	614.1200 MGS Guardrail Temporary Terminal EAT	1.000 EACH	.		.	
1410	614.2300 MGS Guardrail 3	113.000 LF	.		.	
1420	614.2500 MGS Thrie Beam Transition	160.000 LF	.		.	
1430	614.2610 MGS Guardrail Terminal EAT	5.000 EACH	.		.	
1440	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	.		.	
1450	616.0206 Fence Chain Link 6-FT	5,755.000 LF	.		.	
1460	616.0700.S Fence Safety	10,000.000 LF	.		.	
1470	619.1000 Mobilization	1.000 EACH	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1480	620.0300 Concrete Median Sloped Nose	114.000 SF	.	.	.	.
1490	624.0100 Water	778.000 MGAL	.	.	.	.
1500	625.0100 Topsoil	59,788.000 SY	.	.	.	.
1510	625.0500 Salvaged Topsoil	19,975.000 SY	.	.	.	.
1520	627.0200 Mulching	79,613.000 SY	.	.	.	.
1530	628.1504 Silt Fence	1,995.000 LF	.	.	.	.
1540	628.1520 Silt Fence Maintenance	1,995.000 LF	.	.	.	.
1550	628.1905 Mobilizations Erosion Control	20.000 EACH	.	.	.	.
1560	628.1910 Mobilizations Emergency Erosion Control	12.000 EACH	.	.	.	.
1570	628.2002 Erosion Mat Class I Type A	77,630.000 SY	.	.	.	.
1580	628.2006 Erosion Mat Urban Class I Type A	2,070.000 SY	.	.	.	.

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1590	628.7005 Inlet Protection Type A	8.000 EACH	.		.	
1600	628.7010 Inlet Protection Type B	54.000 EACH	.		.	
1610	628.7015 Inlet Protection Type C	19.000 EACH	.		.	
1620	628.7020 Inlet Protection Type D	13.000 EACH	.		.	
1630	628.7504 Temporary Ditch Checks	520.000 LF	.		.	
1640	628.7555 Culvert Pipe Checks	30.000 EACH	.		.	
1650	628.7560 Tracking Pads	8.000 EACH	.		.	
1660	629.0210 Fertilizer Type B	63.000 CWT	.		.	
1670	630.0120 Seeding Mixture No. 20	2,105.000 LB	.		.	
1680	630.0130 Seeding Mixture No. 30	38.000 LB	.		.	
1690	630.0200 Seeding Temporary	2,144.000 LB	.		.	

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REVISED:

CONTRACT:  
20160510058PROJECT(S):  
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N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1700	633.5200 Markers Culvert End	1.000 EACH	.		.	
1710	634.0614 Posts Wood 4x6-Inch X 14-FT	13.000 EACH	.		.	
1720	634.0616 Posts Wood 4x6-Inch X 16-FT	32.000 EACH	.		.	
1730	634.0618 Posts Wood 4x6-Inch X 18-FT	15.000 EACH	.		.	
1740	636.0100 Sign Supports Concrete Masonry	166.000 CY	.		.	
1750	636.1000 Sign Supports Steel Reinforcement HS	1,180.000 LB	.		.	
1760	636.1500 Sign Supports Steel Coated Reinforcement HS	11,800.000 LB	.		.	
1770	637.1220 Signs Type I Reflective SH	3,796.000 SF	.		.	
1780	637.2210 Signs Type II Reflective H	555.060 SF	.		.	
1790	637.2215 Signs Type II Reflective H Folding	25.900 SF	.		.	
1800	637.2230 Signs Type II Reflective F	66.000 SF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058

PROJECT(S):  
1517-07-74

FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1810	638.2101 Moving Signs Type I	9.000 EACH	.		.	
1820	638.2601 Removing Signs Type I	12.000 EACH	.		.	
1830	638.2602 Removing Signs Type II	40.000 EACH	.		.	
1840	638.3000 Removing Small Sign Supports	56.000 EACH	.		.	
1850	638.3100 Removing Structural Steel Sign Supports	4.000 EACH	.		.	
1860	641.0600 Sign Bridge Single Pole Sign Support Two Signs (structure) 001. S-70-245	LUMP	LUMP		.	
1870	641.1200 Sign Bridge Cantilevered (structure) 001. S-70-202	LUMP	LUMP		.	
1880	641.6600 Sign Bridge (structure) 001. S-70-243	LUMP	LUMP		.	
1890	641.6600 Sign Bridge (structure) 002. S-70-247	LUMP	LUMP		.	
1900	641.6600 Sign Bridge (structure) 003. S-70-244	LUMP	LUMP		.	
1910	641.6600 Sign Bridge (structure) 004. S-70-246	LUMP	LUMP		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510058PROJECT(S):  
1517-07-74FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1920	642.5401 Field Office Type D	1.000 EACH	.		.	
1930	643.0200 Traffic Control Surveillance and Maintenance (project) 001. 1517-07-74	411.000 DAY	.		.	
1940	643.0300 Traffic Control Drums	44,707.000 DAY	.		.	
1950	643.0420 Traffic Control Barricades Type III	1,946.000 DAY	.		.	
1960	643.0715 Traffic Control Warning Lights Type C	5,343.000 DAY	.		.	
1970	643.0800 Traffic Control Arrow Boards	493.000 DAY	.		.	
1980	643.0900 Traffic Control Signs	13,880.000 DAY	.		.	
1990	643.0910 Traffic Control Covering Signs Type I	8.000 EACH	.		.	
2000	643.0920 Traffic Control Covering Signs Type II	10.000 EACH	.		.	
2010	643.1000 Traffic Control Signs Fixed Message	422.000 SF	.		.	
2020	643.1050 Traffic Control Signs PCMS	1,056.000 DAY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2030	643.3000 Traffic Control Detour Signs	264.000 DAY	.	.	.	.
2040	645.0120 Geotextile Fabric Type HR	1,480.000 SY	.	.	.	.
2050	646.0103 Pavement Marking Paint 4-Inch	66,595.000 LF	.	.	.	.
2060	646.0106 Pavement Marking Epoxy 4-Inch	37,588.000 LF	.	.	.	.
2070	646.0123 Pavement Marking Paint 8-Inch	5,793.000 LF	.	.	.	.
2080	646.0126 Pavement Marking Epoxy 8-Inch	1,010.000 LF	.	.	.	.
2090	646.0600 Removing Pavement Markings	114,548.000 LF	.	.	.	.
2100	646.0841.S Pavement Marking Grooved Wet Reflective Contrast Tape 4-Inch	8,066.000 LF	.	.	.	.
2110	646.0843.S Pavement Marking Grooved Wet Reflective Contrast Tape 8-Inch	6,364.000 LF	.	.	.	.
2120	647.0566 Pavement Marking Stop Line Epoxy 18-Inch	122.000 LF	.	.	.	.



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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2250	652.0125 Conduit Rigid Metallic 2-Inch	4,640.000 LF	.	.	.	.
2260	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	10,051.000 LF	.	.	.	.
2270	653.0180 Pull Boxes Steel Communications (inch) 001. 24x36-Inch	16.000 EACH	.	.	.	.
2280	653.0220 Junction Boxes 18x6x6-Inch	8.000 EACH	.	.	.	.
2290	653.0222 Junction Boxes 18x12x6-Inch	9.000 EACH	.	.	.	.
2300	654.0105 Concrete Bases Type 5	5.000 EACH	.	.	.	.
2310	654.0107 Concrete Bases Type 7	4.000 EACH	.	.	.	.
2320	655.0620 Electrical Wire Lighting 8 AWG	331.000 LF	.	.	.	.
2330	655.0625 Electrical Wire Lighting 6 AWG	662.000 LF	.	.	.	.
2340	656.0200 Electrical Service Meter Breaker Pedestal (location) 001. 131FES+50	LUMP	LUMP	.	.	.

## SCHEDULE OF ITEMS

REVISED:

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1517-07-74FEDERAL ID(S):  
N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2350	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	9.000 EACH	.		.	
2360	657.0322 Poles Type 5-Aluminum	5.000 EACH	.		.	
2370	657.6005.S Anchor Assemblies Light Poles on Structures	8.000 EACH	.		.	
2380	670.0100 Field System Integrator	LUMP	LUMP		.	
2390	670.0200 ITS Documentation	LUMP	LUMP		.	
2400	671.0112 Conduit HDPE 1-Duct 2-Inch	224.000 LF	.		.	
2410	671.0122 Conduit HDPE 2-Duct 2-Inch	1,171.000 LF	.		.	
2420	671.0132 Conduit HDPE 3-Duct 2-Inch	2,290.000 LF	.		.	
2430	671.0142 Conduit HDPE 4-Duct 2-Inch	452.000 LF	.		.	
2440	671.0222 Conduit HDPE Directional Bore 2-Duct 2-Inch	205.000 LF	.		.	
2450	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	1,430.000 LF	.		.	

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N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2460	671.0300 Fiber Optic Cable Marker	24.000 EACH	.		.	
2470	673.0105 Communication Vault Type 1	6.000 EACH	.		.	
2480	673.0225.S Install Pole Mounted Cabinet	1.000 EACH	.		.	
2490	674.0200 Cable Microwave Detector	6,458.000 LF	.		.	
2500	674.0300 Remove Cable	6,662.000 LF	.		.	
2510	674.0400 Reinstall Cable	6,662.000 LF	.		.	
2520	675.0300 Install Mounted Controller Microwave Detector Assembly	5.000 EACH	.		.	
2530	675.0400.S Install Ethernet Switch	1.000 EACH	.		.	
2540	678.0300 Fiber Optic Splice	15.000 EACH	.		.	
2550	678.0500 Communication System Testing	LUMP	LUMP		.	
2560	690.0150 Sawing Asphalt	935.000 LF	.		.	

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N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2570	690.0250 Sawing Concrete	13,685.000 LF	.	.	.	.
2580	715.0415 Incentive Strength Concrete Pavement	4,284.000 DOL	1.00000	.	4284.00	.
2590	715.0502 Incentive Strength Concrete Structures	3,132.000 DOL	1.00000	.	3132.00	.
2600	SPV.0035 Special 001. Roadway Embankment	47,070.000 CY	.	.	.	.
2610	SPV.0035 Special 002. Pond Liner Clay	5,370.000 CY	.	.	.	.
2620	SPV.0035 Special 700. Modified High Performance Concrete (HCP) Masonry Bridges	1,074.000 CY	.	.	.	.
2630	SPV.0060 Special 001. Concrete Barrier Transition Type 1 V33.5 To S42 Block	2.000 EACH	.	.	.	.
2640	SPV.0060 Special 002. Pond Outlet Control Manhole	2.000 EACH	.	.	.	.
2650	SPV.0060 Special 003. Detention Pond Corrugated Metal Anti-Seep Collar	2.000 EACH	.	.	.	.
2660	SPV.0060 Special 004. Flared End Section With Trash Rack	2.000 EACH	.	.	.	.

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N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2670	SPV.0060 Special 005. Concrete Barrier Transition Type S42 To S56 Special	14.000 EACH	.		.	
2680	SPV.0060 Special 006. Linear Delineation System	30.000 EACH	.		.	
2690	SPV.0060 Special 200. Traffic Control Close-Open Freeway Entrance Ramp	7.000 EACH	.		.	
2700	SPV.0060 Special 201. Repositioning Traffic Control Devices For Mainline Closures	68.000 EACH	.		.	
2710	SPV.0060 Special 202. Maintain Crash Cushion Temporary Left In Place	1.000 EACH	.		.	
2720	SPV.0060 Special 203. Move and Install Overhead Sign On Temporary Supports	1.000 EACH	.		.	
2730	SPV.0060 Special 350. Concrete Bases Type 7 On Steep Slopes	22.000 EACH	.		.	
2740	SPV.0060 Special 351. Anchor Bolt Cover Shroud	34.000 EACH	.		.	
2750	SPV.0060 Special 352. Pull Box Non-Conductive 24X42-Inch	28.000 EACH	.		.	
2760	SPV.0060 Special 400. Install Termination Panel	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2770	SPV.0060 Special 401. Tracer Test Station	1.000 EACH	.		.	
2780	SPV.0060 Special 700. Junction Boxes Stainless Steel 24X18X6-Inch	3.000 EACH	.		.	
2790	SPV.0060 Special 701. Cleaning And Painting Bearings	54.000 EACH	.		.	
2800	SPV.0075 Special 001. Street Sweeping	600.000 HRS	.		.	
2810	SPV.0085 Special 001. Pond Edge Seed	710.000 LB	.		.	
2820	SPV.0090 Special 001. Concrete Barrier Type S56 Special	492.000 LF	.		.	
2830	SPV.0090 Special 200. Maintain Temporary Concrete Barrier Precast Left In Place	1,405.000 LF	.		.	
2840	SPV.0105 Special 002. Removing Cantilever Sign Support S-70-142	LUMP		LUMP	.	
2850	SPV.0105 Special 003. Removing Cantilever Sign Support S-70-143	LUMP		LUMP	.	
2860	SPV.0105 Special 004. Concrete Pavement Joint Layout	LUMP		LUMP	.	

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1517-07-74FEDERAL ID(S):  
N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2870	SPV.0105 Special 005. Removing Cantilever Sign Support S-70-37	LUMP	LUMP			.
2880	SPV.0105 Special 006. Removing Sign Bridge S-70-32	LUMP	LUMP			.
2890	SPV.0105 Special 007. Removing Sign Structure Single Pole S-70-33	LUMP	LUMP			.
2900	SPV.0105 Special 950. Salvage Existing Sign Structure S-70-143, Truss	LUMP	LUMP			.
2910	SPV.0120 Special 001. Water For Seeded Areas	1,786.000 MGAL	.			.
2920	SPV.0165 Special 850. Wall Concrete Panel Mechanically Stabilized Earth LRFD/QMP **p**	20,025.000 SF	.			.
2930	SPV.0165 Special 950. Sign Blanks Left In Place	90.000 SF	.			.
2940	SPV.0180 Special 001. Removing Rumble Strips	2,720.000 SY	.			.
2950	SPV.0180 Special 002. Resin Binder High Friction Surface Treatment	3,690.000 SY	.			.
2960	204.0195 Removing Concrete Bases	5.000 EACH	.			.

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N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2970	509.0301 Preparation Decks Type 1	15.000 SY	.		.	
2980	611.0410 Reconstructing Catch Basins	1.000 EACH	.		.	
2990	611.8115 Adjusting Inlet Covers	5.000 EACH	.		.	
3000	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	200.000 LF	.		.	
3010	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	150.000 LF	.		.	
3020	652.0615 Conduit Special 3-Inch	50.000 LF	.		.	
3030	652.0800 Conduit Loop Detector	140.000 LF	.		.	
3040	654.0101 Concrete Bases Type 1	1.000 EACH	.		.	
3050	654.0102 Concrete Bases Type 2	2.000 EACH	.		.	
3060	654.0110 Concrete Bases Type 10	4.000 EACH	.		.	
3070	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	.		.	



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N/A

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3080	655.0230 Cable Traffic Signal 5-14 AWG	3,085.000 LF	.	.	.	.
3090	655.0240 Cable Traffic Signal 7-14 AWG	510.000 LF	.	.	.	.
3100	655.0260 Cable Traffic Signal 12-14 AWG	570.000 LF	.	.	.	.
3110	655.0305 Cable Type UF 2-12 AWG Grounded	1,530.000 LF	.	.	.	.
3120	655.0515 Electrical Wire Traffic Signals 10 AWG	2,090.000 LF	.	.	.	.
3130	655.0610 Electrical Wire Lighting 12 AWG	1,200.000 LF	.	.	.	.
3140	655.0700 Loop Detector Lead In Cable	450.000 LF	.	.	.	.
3150	655.0800 Loop Detector Wire	460.000 LF	.	.	.	.
3160	656.0200 Electrical Service Meter Breaker Pedestal (location) 450. I 41 NB & CTH II	LUMP	LUMP	.	.	.
3170	657.0100 Pedestal Bases	1.000 EACH	.	.	.	.
3180	657.0310 Poles Type 3	2.000 EACH	.	.	.	.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3190	657.0315 Poles Type 4	2.000 EACH	.		.	
3200	657.0420 Traffic Signal Standards Aluminum 13-FT	1.000 EACH	.		.	
3210	657.0585 Trombone Arms 15-FT	2.000 EACH	.		.	
3220	657.0709 Luminaire Arms Truss Type 4-Inch Clamp 12-FT	4.000 EACH	.		.	
3230	657.1350 Install Poles Type 10	4.000 EACH	.		.	
3240	657.1530 Install Monotube Arms 30-FT	4.000 EACH	.		.	
3250	657.1812 Install Luminaire Arms Steel 12-FT	4.000 EACH	.		.	
3260	658.0110 Traffic Signal Face 3-12 Inch Vertical	13.000 EACH	.		.	
3270	658.0115 Traffic Signal Face 4-12 Inch Vertical	2.000 EACH	.		.	
3280	658.0155 Traffic Signal Face 3-12 Inch Horizontal	2.000 EACH	.		.	
3290	658.0215 Backplates Signal Face 3 Section 12-Inch	15.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3300	658.0220 Backplates Signal Face 4 Section 12-Inch	2.000 EACH	.		.	
3310	658.0600 Led Modules 12-Inch Red Ball	15.000 EACH	.		.	
3320	658.0605 Led Modules 12-Inch Yellow Ball	15.000 EACH	.		.	
3330	658.0610 Led Modules 12-Inch Green Ball	15.000 EACH	.		.	
3340	658.0615 Led Modules 12-Inch Red Arrow	2.000 EACH	.		.	
3350	658.0620 Led Modules 12-Inch Yellow Arrow	4.000 EACH	.		.	
3360	658.0625 Led Modules 12-Inch Green Arrow	2.000 EACH	.		.	
3370	658.5069 Signal Mounting Hardware (location) 450. I 41 SB & CTH II	LUMP	LUMP		.	
3380	658.5069 Signal Mounting Hardware (location) 451. I 41 NB & CTH II	LUMP	LUMP		.	
3390	659.1120 Luminaires Utility LED B	8.000 EACH	.		.	
3400	SPV.0025 Special 700. Polyester Polymer Concrete Masonry	20.000 CF	.		.	

SCHEDULE OF ITEMS

REVISED:

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3410	SPV.0060 Special 007. Pavement Marking Grooved Arrows Preformed Thermoplastic Type 2	3.000 EACH	.		.	
3420	SPV.0060 Special 008. Pavement Marking Grooved Words Preformed Thermoplastic	2.000 EACH	.		.	
3430	SPV.0090 Special 700. Sawing Pavement Deck Preparation Areas	272.000 LF	.		.	
3440	SPV.0105 Special 001. Survey Project	LUMP	LUMP		.	
3450	SPV.0105 Special 450. Remove Traffic Signal (I41 NB & CTH II)	LUMP	LUMP		.	
3460	SPV.0105 Special 451. Remove Traffic Signal (I41 SB & CTH II)	LUMP	LUMP		.	
3470	SPV.0180 Special 700. Rapid Cure Polymer Overlay	1,300.000 SY	.		.	
3480	SPV.0180 Special 003. Modified High Performance Concrete (HPC) Pavement 10-Inch	13,336.000 SY	.		.	
3490	SPV.0180 Special 004. Modified High Performance Concrete (HPC) Pavement 11-Inch	28,924.000 SY	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	